

T: +44 (0)300 244 5046

*(Please note, this line is not
active during COVID-19)*

E:

ms.marinelicensing@gov.scot

Conservation (Natural Habitats, &c.) Regulations 1994 (as amended)

Application for a licence to disturb or injure marine European protected species (EPS) for one of the following purposes

- For preserving public health or public safety
- For an imperative reason of overriding public interest (including those of a social or economic nature and beneficial consequences of primary importance for the environment)
- For preventing the spread of disease
- For preventing serious damage to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber or any other form of property, or to fisheries.

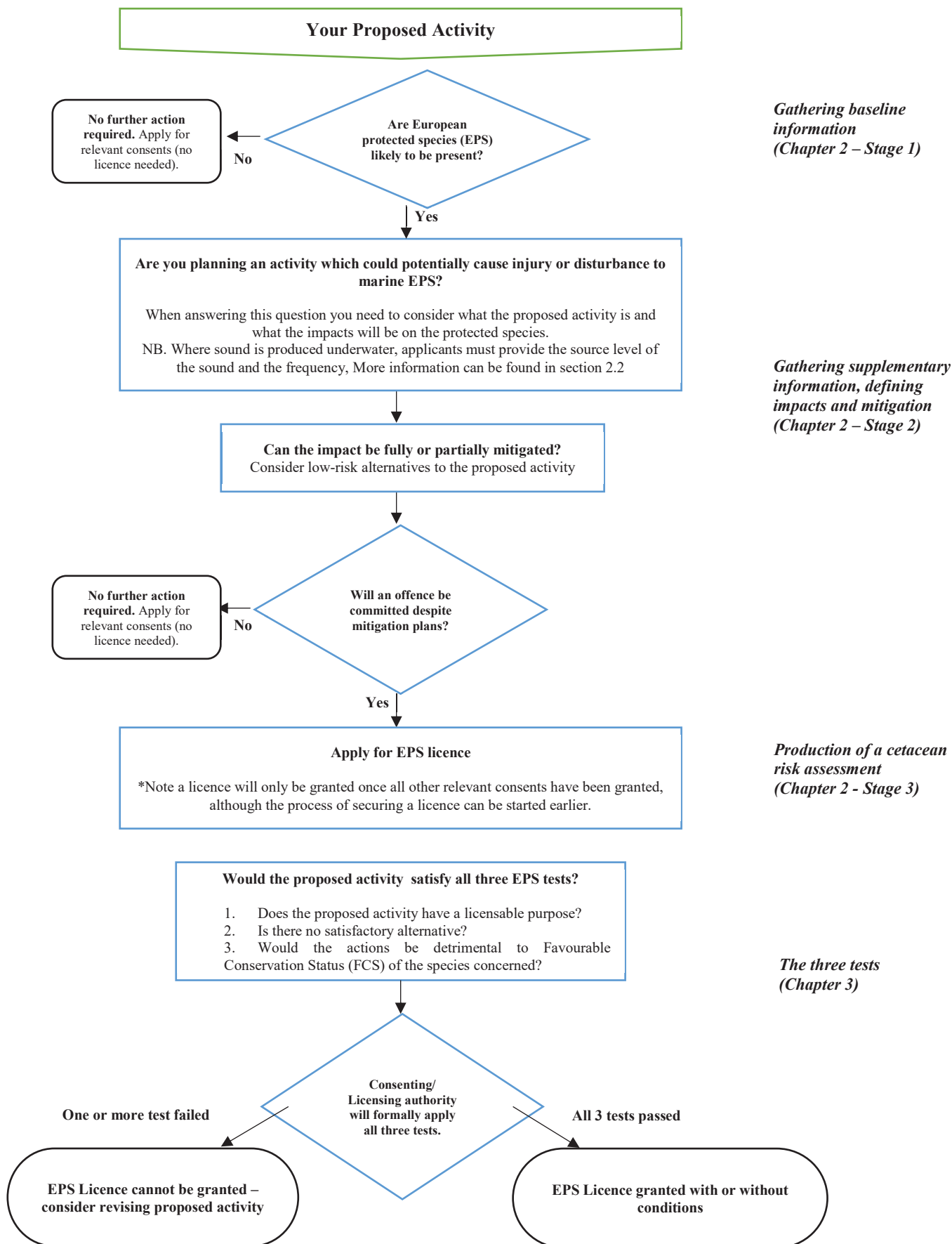
Please use this application form if you wish to undertake works/activities that would affect European protected species in the Scottish inshore marine area (0 – 12nm).

IMPORTANT: Before completing this form, please read these notes carefully

Applicants are advised to read these notes in conjunction with [The Protection of Marine European Protected Species from injury and disturbance: Guidance for Scottish Inshore Waters](#). If further clarification is needed please contact Marine Scotland Licensing Operations Team (MS-LOT) via email: ms.marinelicensing@gov.scot

Flowchart showing the decision-making process

Please refer to the relevant chapter of the guidance



Please complete all relevant sections of the form.

Please ensure that you answer questions fully in order to avoid delays.

The completed application should be sent to Marine Scotland Licensing Operations Team (MS-LOT) at the address below or emailed to ms.marinelicensing@gov.scot.

We will not process unsigned application forms.

Please ensure that you provide appropriate information to support your application. Applicants can provide this supporting information in the form of an EPS Risk Assessment. Guidance can be found in [The Protection of Marine European Protected Species from injury and disturbance: Guidance for Scottish Inshore Waters](#). Please contact MS-LOT if you wish to discuss the level of supporting documentation required for your application. Failure to provide sufficient supporting information may delay the consultation and licensing process.

MS-LOT will aim to determine whether a licence should be issued **within 6 to 8 weeks of acceptance of a completed application**. However, please note that for large scale or complex projects, the determination period may be longer.

If you experience any problems filling in this form, please contact MS-LOT.

Please use this application form if you wish to undertake works/activities that would affect European protected species in the Scottish marine area (0 – 12nm).

Please note that European protected species are also protected in the offshore marine environment (between 12 and 200 nautical miles). Species in this area are protected under The Conservation of Offshore Marine Habitats and Species Regulations 2017.

Do not use this form if your application relates to scientific, research, conservation or educational purposes. Please contact NatureScot (NatureScot Licensing, Great Glen House, Leachkin Road, Inverness IV3 8NW, Telephone 01463 725000, email licensing@nature.scot or visit [their website](#)) for a licence application for these purposes. NatureScot also issues licences for the purposes of marking animals or plants in relation to conservation or introducing them to particular areas for conserving natural habitats, and for protecting zoological or botanical collections.

Before a licence can be granted, it is essential that other relevant licences or consents have been secured for the proposed activity (eg Marine licence).

It is the responsibility of the applicant to obtain any other consents or authorisations that may be required.

Part A

Section 1 Personal details

Please provide details of the individual, company or partnership you wish to be named on the licence. The licensee is responsible for ensuring compliance with the licence and its conditions. Under the Conservation (Natural Habitats) Regulations 1994 (as amended) it is an offence to fail to comply with the terms and conditions of a licence.

Section 2 Previous applications

Please provide details of any previous relevant licences.

Part B

Section 3

Species

Please provide details of the species that will be affected by the work, the number likely to be affected and a description of how this number was determined. This information can be described in detail in your supporting information. You will need to provide detailed proposals (to be included in the 'Supporting information') of all the mitigation work that you plan to carry out which will affect European protected species.

Location

Describe the location of the proposed works. Include a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the proposed project. WGS84 is the World Geodetic System 1984 and the reference co-ordinate system used for marine licence applications. Co-ordinates taken from GPS equipment should be set to WGS84. Coordinates taken from recent admiralty charts will be on a WGS84 compatible datum. Ordnance survey maps do not use WGS84. In a few cases, (e.g. laying of cables or pipelines) it may only be practicable to supply co-ordinates for the start and end points.

Example: For positions read from charts the format should be as in the example: 55°55.555'N 002°22.222'W (WGS84). The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the format should be as in the example: 55°55'44"N 2°22'11"W (WGS84).

It is important that the correct positions, in the correct format, are included with this application, as any errors will result in the application being refused or delayed.

Section 4 Consideration of designated sites

Please provide details of any designated sites affected by your proposals. You are advised to consult NatureScot, or other appropriate regulator, if the work you propose to do affects a Natura site, an MPA or a Site of Special Scientific Interest.

Section 5 Activities to be licensed

Please indicate the activities you intend to undertake that would otherwise be unlawful. Provide details of the proposed commencement and completion dates of the activities. **The licence start date will not be backdated, since to commence a project for which a licence has not been obtained may constitute an offence resulting in appropriate legal action.**

It is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

Section 6 Purpose of the licence application

Please indicate the purpose of the licence application, the first of the legal tests.

Please complete the relevant Annex to provide justification for the licensing purpose. This is the [legal basis of the application](#).

Section 7 Satisfactory alternatives

Please provide your consideration of why there is no satisfactory alternative. This must include all other options that have been evaluated, the alternative sites that were considered by you and why they were rejected (if no other sites were considered, you must provide the reasons why), as well as all alternative methods of carrying out the work and alternatives dates / timings.

In relation to each alternative considered, please provide an explanation of why you consider it to be satisfactory or unsatisfactory. In respect of any alternative sites please provide the location(s) and details of the alternative site(s), or your views on how the activity/proposal might have been achieved differently, and any other helpful information; e.g., pros and cons of alternative sites, or whether there is likely to be demand for all suitable sites to be used to meet an identified need. Please explain how this conclusion was reached.

Section 8 Summary of the planning / licensing position

Detail all consents and licences required for the proposed project and indicate those that you have applied for or received.

Section 9 Noise Monitoring

Under the Marine Strategy Regulations (2010), there is now a requirement to monitor loud, low to mid frequency (10Hz to 10kHz) impulsive noise. This includes use of seismic airguns, other geophysical surveys (<10kHz), pile driving, explosives and certain acoustic deterrent devices. This monitoring requires completion of a form at the application stage (giving details of the proposed work) as well as completion of a 'close-out' form (giving details of the actual dates and locations where the activities occurred). The close-out form should be returned within 12 weeks of completing the 'noisy' activity or, in the case of prolonged activities such as piling for harbour construction or wind farms, at quarterly intervals or after each phase of foundation installation.

These forms are available at: <https://mnr.jncc.gov.uk/>

Part D

Section 10 Declaration and warning

It is important to read the Declaration and Warning sections before signing the application form.

Site visits and compliance checks

It is possible that the licensing authority may undertake a site visit prior to the issue of a licence. The majority of site visits will be arranged several days in advance and will be conducted in the presence of the licensee (or applicant) however there may be occasions when a site visit will be made at short notice.

Licensees should be aware that they may receive a request for a site visit by the licensing authority, or a person authorised by the licensing authority, to assess site conditions against the conditions of the licence. It is essential that if any of the agreed mitigation measures contained in the application and supporting information are changed for any reason, the licensing authority is informed as soon as possible.

The Licensing authority will monitor compliance with licences issued based on the information included in licence reports.

Where to seek further information

Further information can be obtained from Licensing Operations Team at the address below.

If your proposal relates to one of the purposes for which NatureScot is the licensing authority, please contact your local office of NatureScot.

Licensing Operations Team
Marine Scotland
375 Victoria Road
Aberdeen
AB11 9DB

Email: MS.marinelicensing@gov.scot

Disclaimer

While every effort has been made to ensure the information contained in this document is accurate, nothing in this document should be taken to replace the current legislation in force at this time. You are advised to obtain qualified legal advice in relation to your rights and responsibilities under the 1994 Regulations and other legislation.

Part A. The Applicant: Personal details

These questions relate to the person who will be the **named licensee**. The licence can be issued to an individual or a company or a partnership and the licensee will be responsible for ensuring compliance with the licence and the conditions of the licence. Under the Conservation (Natural Habitats) Regulations 1994 (as amended) it is an offence to fail to comply with any condition imposed by a licence.

1. Name of applicant

Title: Forename(s): Surname:

Company Name:

Business Title (if Appropriate):

Address:

Tel no. (inc. dialling code):

Email address:

2. The Applicant: Previous applications:

Have you previously held a wildlife licence issued in the UK? (please tick as appropriate)

Yes ☒ No ☐ (If yes, please complete below, if no, please go to Part B)

Who issued the licence?

Licence number (most recent licence)

Year in which the licence was issued.

What species were covered by the licence?

- Harbour porpoise
- Bottlenose dolphin
- Minke whale
- White-beaked dolphin
- Risso's dolphin
- Killer whale

What activity was covered by the licence e.g. disturb, injure?

Part B. The Application

3. Species

(a) Please indicate which species is / are affected by the proposed works.

Common name(s):

- Harbour porpoise
- Bottlenose dolphin
- Minke whale
- White-beaked dolphin
- Risso's dolphin
- Killer whale

Scientific name(s)

- Phocoena phocoena
- Tursiops truncatus
- Balaenoptera acutorostrata
- Lagenorhynchus albirostris
- Grampus griseus
- Orcinus orca

(b) How many individual animals will be affected by licensed work?

Injury - 0

Disturbance - it is estimated that the total number of individuals disturbed will be minimal due to the transient nature of the animals and the brief nature of the works.

Please provide a description of how this number was calculated / estimated

There is no potential for injury and very limited potential for disturbance to cetaceans in the vicinity of the cable replacement activities.

See Section 7.4 of Xodus reference: A303128-S00-REPT-001 Eday - Westray and Sanday – Eday Cable Replacement Marine Environmental Appraisal.

(c) **Location of proposed licensed action**

Latitude and Longitude co-ordinates (WGS84) defining the extent of the project. Please continue on a separate sheet if necessary.

See Appended Table

LATITUDE								LONGITUDE							
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W
		°			.		'N				°			.	'W

- (d) Provide a brief description of the proposed activity and the methods to be used.
Detailed information should be included in your Supporting Information
Please provide details of the source levels and frequencies of underwater noise if relevant

Scottish Hydro Electric Power Distribution plc (SHEPD) has identified a fault on the existing submarine power cable between the islands of Westray and Eday (Orkney) and has concluded that this cable requires replacing. The replacement cable will be on a like-for-like basis and will be surface laid for its offshore extent.

SHEPD is seeking an EPS Licence to enable them (and their contractors) to use an Ultra-Short Baseline (USBL) system for positioning of subsea equipment required to install the replacement cable.

The source level and associated frequency for the USBL will be:
- 200 dB re 1 μ Pa (peak), with a source frequency of 20 - 33.5 kHz.

See Appendix A of Xodus reference: A303128-S00-REPT-001 Eday - Westray and Sanday – Eday Cable Replacement Marine Environmental Appraisal for further information.

Pre and post-lay geophysical installation surveys will be carried out under an existing EPS licence held by SHEPD for the North Coast and Orkney Region (MS EPS 02 2020 0).

- (e) Briefly state how you will minimise the impact of your proposed work on European protected species.
Detailed information should be included in your Supporting Information.

All vessels will adhere to the provisions of the Scottish Marine Wildlife Watching Code (SNH, 2017).

In addition to this:

- The USBL source level will not exceed 200 dB re 1 μ Pa (peak);
- Installation vessels will operate to a maximum of 4-8 knots to minimise disturbance to cetaceans and other sensitive species.

See Sections 4.2 and 7 of Xodus reference: A303128-S00-REPT-001 Eday - Westray and Sanday – Eday Cable Replacement Marine Environmental Appraisal for more information.

4. Consideration of designated sites

Designated Areas: National Nature Reserves (NNR), Sites of Specific Scientific Interest (SSSI), Special Protection Area (SPA), Special Areas of Conservation (SAC), Ramsar sites, Marine Protected Areas (MPA). Information on designated sites is available on NatureScot website <https://sitelink.nature.scot/home> or from your local NatureScot office.

- (a) Will any part of the proposed activity fall within /or adjacent to an area covered by a designated site eg SSSI, SAC, MPA? Yes ☒ No ☐
- (b) Please give the name of the designated site(s) and either the outcome of your consultations or the reason why you have not consulted (see note 4). Please enclose any relevant correspondence.

There are 4 designated sites within/adjacent to the proposed cable installation corridor including; the Faray and Holm of Faray SAC and SSSI, the Sanday SAC, and the Calf of Eday SPA. Full details of all relevant protected sites can be found in the document referenced below.

Due to the close proximity of the designated sites to the Eday - Westray installation corridor, SHEPD recognises there is a potential for the proposed activities to result in adverse impacts on the qualifying and interest features associated with these sites. However, the assessment found there is no potential for injury or significant disturbance to the qualifying features of these sites, including seals, seabirds or other protected species in the vicinity of the installation corridor; hence, the conservation status of the protected sites will not be compromised.

See Section 5 of Xodus Document Reference: A303128-S00-REPT-001 Eday - Westray and Sanday – Eday Cable Replacement Marine Environmental Appraisal for more information.

5. Activities to be Licenced

Proposed Methods

(a) Please complete all relevant columns in the table below to indicate the methods you propose to use, the activity involved and the time period in which you propose to use each method. This information will be used when preparing the licence to cover activities that would otherwise be unlawful, and failure to give full details may result in an inappropriate licence being issued.

Activity to be licensed (please tick)					Time period	
Capture	Kill (exceptional circumstances only)	Injure	Transport	Disturb/ Harass	Method to be used, (e.g. piling)	From To
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USBL System	08/05/2021 31/08/2021
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

6. Purposes of the licence application (tick one box only)

A licence can only be issued if 3 specific legal tests are met. The section below relates to the first of these tests. The options shown are taken from the **Conservation (Natural Habitats, &c.) Regulations 1994 (as amended)**.

Please indicate which purpose relates to the proposed works

(a) Preserving public health or public safety (we will require evidence that there is a risk to public health or public safety e.g. an imminent risk of flooding) Regulation 44(2)(e) ☐

Complete Annex A

(b) Imperative reasons of overriding public interest (*including those of a social or economic nature and beneficial consequences of primary importance for the environment*) Regulation 44(2)(e) ☒

Complete Annex B

(c) Preventing the spread of disease Regulation 44(2)(f) ☐

Complete Annex C

(d) Preventing serious damage to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber or any other form of property, or to fisheries Regulation 44(2)(g). ☐

Complete Annex D

(e) If you wish to use acoustic deterrent devices to protect fish farm sites in Scottish waters, you must also complete Annex E. ☐

Complete Annex E

7. Satisfactory alternatives

This relates to the second of the legal tests which must be satisfied. Please explain why there is no satisfactory alternative to carrying out the proposed work affecting the species. You must describe all possible alternatives which were considered and why they were considered unsuitable. You must also consider the option of not undertaking the work. **It is not acceptable to state that 'there is no alternative'**. Please continue on a separate sheet if necessary.

SHEPD has considered 3 options in relation to the fault observed between the cable at Eday - Westray:

Option 1 - Onshore Piece-In Repair: where the fault location is identified as being in the intertidal zone, this solution is dependent on tidal windows for access. This means that this activity must be programmed to maximise the tidal working window. Testing has shown that the fault is offshore and therefore this option is ruled out.

Option 2 - Offshore Piece-In Repair: network testing has indicated that the faults on the cable is a significant distance from the shore; an offshore mid-section repair was considered possible, dependant on cable condition. Water depth at the fault location is approximately 18 m.

For a repair option to be progressed, the cable must be in good mechanical condition. This is because cable recovery and jointing results in significant mechanical stresses and fatigue within the cable. Following testing of the Eday – Westray cable in response to the present fault, it was concluded that a full end to end replacement is the recommended solution due to wider cable integrity concerns. On this basis an offshore piece in repair has been discounted due to the condition of the cable.

Option 3 - End to End Replacement: The Eday - Westray cable was installed in 2013 and had previously faulted in March 2016 at a location adjacent to the islands of Faray and Rusk Holm. A successful piece in repair was undertaken. Following the present fault, testing has identified wider cable integrity issues beyond the present fault location and a replacement option is the preferred solution.

Therefore, considering that the repair options have been ruled out due to technical constraints, an end-to-end replacement is assessed to be the only feasible engineering option.

8. Other Licences / Consents

Please detail below all licences / consents you have applied for or received. **Before a licence can be granted, it is essential that other relevant licences or consents have been secured for the proposed activity (eg Marine licence).**

Type of Licence / Consent (e.g. Marine Licence, Local Planning Authority, Local Works Licence)	Date Applied for	Reference no.	Date of issue of licence / consent
Marine Licence Application	Same as EPS Licence	Pending	Pending
Basking Shark Derogation Licence	Same as EPS Licence	Pending	Pending

9. Noise Monitoring

Please indicate if any of the following noise generating activities will be taking place during the operations:

Use of explosives

☐

Piling

☐

Use of Acoustic Deterrent Devices

☐

Survey equipment operating in the range 10 Hz – 10kHz

☐

If you have ticked any of the above boxes please complete a Proposed Activity form in the Marine Noise Registry at: <https://mnr.jncc.gov.uk/>.

Please note the form must only be completed once for each activity. If you have already completed a form for this activity (eg through the marine licensing process) please give details.

N/A

EPS licence applications will not be accepted until this form has been completed and submitted.

Have you remembered to enclose Supporting Information with your application, as described in the accompanying guidance? Please check

Completed Application form

☒

Completed Annex

☒

Map / Chart

☒

Correct co-ordinates

☒

Additional information / EPS risk assessment

☒

Part C. Declarations

10. I have read and understand the guidance provided in this application form. I declare that the particulars given are correct to the best of my knowledge and belief, and I apply for a licence in accordance with these particulars.

I authorise employees or representatives of the Scottish Ministers to enter the site which is subject to this application for the purpose of monitoring and inspecting the permitted works.

Warning

Under the Conservation (Natural Habitats, &c.) Regulations 1994 (as amended) it is an offence to fail to comply with the conditions imposed by a licence. The licensee is responsible for ensuring compliance with the licence.

The Scottish Ministers can modify or revoke a licence at any time, provided there are good reasons. Any licence that may be issued is likely to be revoked immediately if it is discovered that false information was provided and resulted in the issue of a licence.

Under the Conservation (Natural Habitats, &c.) Regulations 1994, any person who in order to obtain a licence knowingly or recklessly makes a statement or representation, or furnishes a document or information which is false in a material particular, shall be guilty of an offence and may be liable to criminal prosecution. Any person found guilty of such offences is liable on summary conviction to imprisonment for a term not exceeding six months or to a fine not exceeding level 5 on the standard scale, or to both imprisonment and a fine.

Note: Previous convictions for wildlife offences will be taken into account and in some cases may mean that the Scottish Ministers do not consider it appropriate to grant a licence.

Signature of the
Applicant



Date 23rd March 2021

(The person named at part 1)

Name in BLOCK
LETTERS

KEVIN GALBRAITH ON BEHALF OF SCOTTISH HYDRO ELECTRIC POWER DISTRIBUTION PLC

Note – If signing on behalf of a company, please append your signature with “on behalf of *Company Name*”.

The completed application should be signed and sent to Marine Scotland Licensing Operations Team (MS-LOT) at the address below or emailed to MS.Marinelicensing@gov.scot

Please remember to include all supporting information.

Licensing Operations Team
Marine Scotland
EPS Division
375 Victoria Road
Aberdeen
AB11 9DB

Disclaimer

While every effort has been made to ensure the information contained in this document is accurate, nothing in this document should be taken to replace the current legislation in force at this time. You are advised to obtain qualified legal advice in relation to your rights and responsibilities under the 1994 Regulations and other legislation.

Marine Laboratory, 375 Victoria Road,
Aberdeen AB11 9DB
Version 3.0 October 2020



Annex A

Only to be completed if you selected *for Preserving public health or public safety* in Question 6 of the application form

Please complete all questions

Give details of the risk to public health or safety

How has the risk been identified. Please give details of any expert advice received.

How will the proposed activity address the identified risk

Annex B

Only to be completed if you selected for *Imperative reasons of overriding public interest (including those of a social or economic nature and beneficial consequences of primary importance for the environment)* in Question 6 of the application form

Please complete all questions

What benefits will be provided by the proposed activity? Give details and indicate if they are social, economic or environmental. Please indicate if the benefits are short or long term.

The use of a USBL system is required to facilitate the replacement of the Eday - Westray submarine power cable. Replacement of this cable will enable electricity supplies between Eday and Westray to be reinstated.

The 33kV Eday – Westray cable faulted on 7th August 2020 affecting supplies to 977 customers on Eday, Sanday, Stronsay and Shapinsay, as well as preventing the export of renewable energy generated by the Eday community turbine and the EMEC tidal testing centre.

SHEPD's first priority is to provide a safe and reliable supply of electricity to domestic, commercial and industrial customers in the north of Scotland and the Islands. It is responsible for maintaining, repairing and improving the electricity network in these regions. Therefore, the proposed cable replacement activities and associated use of USBL are essential to maintain this goal.

What public interest will be served? Who will benefit from the proposed activity? Does the proposed activity address a need?

The cable repair works will enable stable electricity supplies to domestic and commercial customers on Eday, Sanday, Stronsay and Shapinsay to be reinstated which will benefit social and economic aspects.

Why is it imperative the proposed activity goes ahead?

Should the work not proceed, the safety to the electricity supply to domestic and commercial customers on Eday, Sanday, Stronsay and Shapinsay will remain compromised, and generation of renewable energy from the Eday community turbine and EMEC tidal testing centre will not be possible. This will increase the reliance on fossil fuels and places electricity supplies at significant risk if any further faults occur on the SHEPD electricity network infrastructure.

Does the proposed activity support any local regional or national policies? Please give details. Are you fulfilling a statutory role?

Scottish Hydro Electric Power Distribution plc (SHEPD) holds a licence under the Electricity Act 1989, for the distribution of electricity in the north of Scotland, including the Islands.

SHEPD has a statutory duty to provide an economic and efficient system for the distribution of electricity, and to ensure that its assets are maintained to ensure a safe, secure and reliable supply to domestic and business customers.

Annex C

Only to be completed if you selected for *Preventing the spread of disease* in Question 6 of the application form

Please complete all questions

What disease(s) is / are at risk of being spread if the proposed activity does not go ahead? Please give details of any expert advice received.

How will the proposed activity prevent the spread of disease? Please give details of any expert advice received.

Annex D

Only to be completed if you selected for *Preventing serious damage to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber or any other form of property, or to fisheries* in Question 6 of the application form.

Please complete all questions

What serious damage has occurred or will occur if the proposed activity does not go ahead. Please give details of any expert advice received.

How will the proposed activity prevent serious damage? Please give details of any expert advice received.

Annex E

Only to be completed if you intend to operate ADDs at marine fish farm sites in Scotland

Please complete a copy of this annex for each individual site included on your application

Please complete all questions

Site name and ID (FS number)

--

Device Type 1

Device Details

Device name (and version if relevant)

--

Number of devices proposed

--

Source level of device (rms and SPLpeak)

--

Typical frequency content

--

Please give details of the proposed duty cycle (or available settings) including the system duty cycle

Duration of use of device (e.g. hours per 24 hour period)

Time of use (e.g. particular time of day or time of year)

If multiple devices of this type are to be used, please give details of numbers to be deployed and locations in relation to the site.

Management of ADD Use

Please give details of the cues/triggers and the decision process to activate ADDs. These cues / triggers should be specific and measurable and should relate to predation events by seals rather than presence of seals in the area.

Give details of how ADD use is to be reviewed

Give details of criteria for deactivation or removal of ADDs (including if they appear to be ineffective)

Give details of ADD deployment plans and any relevant planning conditions relating to ADD use

Device type 2

Device details

Device name (and version if relevant)

Number of devices proposed

Source level of device (rms and SPLpeak)

Typical frequency content

How is the device triggered (please state if the device operates constantly or if there is no triggering method)

Please give details of the proposed duty cycle (or available settings) including the system duty cycle

Duration of use of device (e.g. hours per 24 hour period)

Time of use (e.g particular time of day or time of year)

If multiple devices of this type are to be used, please give details of numbers to be deployed and locations in relation to the site.

Management of ADD Use

Please give details of the cues/triggers and the decision process to activate ADDs. These cues / triggers should be specific and measurable and should relate to predation events by seals rather than presence of seals in the area.

Give details of how ADD use is to be reviewed

Give details of criteria for deactivation or removal of ADDs (including if they appear to be ineffective)

Give details of ADD deployment plans and any relevant planning conditions relating to ADD use

Device type 3

Device Details

Device name (and version if relevant)

Number of devices proposed

Source level of device (rms and SPLpeak)

Typical frequency content

How is the device triggered (please state if the device operates constantly or if there is no triggering method)

Please give details of the proposed duty cycle (or available settings) including the system duty cycle

Duration of use of device (e.g. hours per 24 hour period)

Time of use (e.g particular time of day or time of year)

If multiple devices of this type are to be used, please give details of numbers to be deployed and locations in relation to the site.

Management of ADD Use

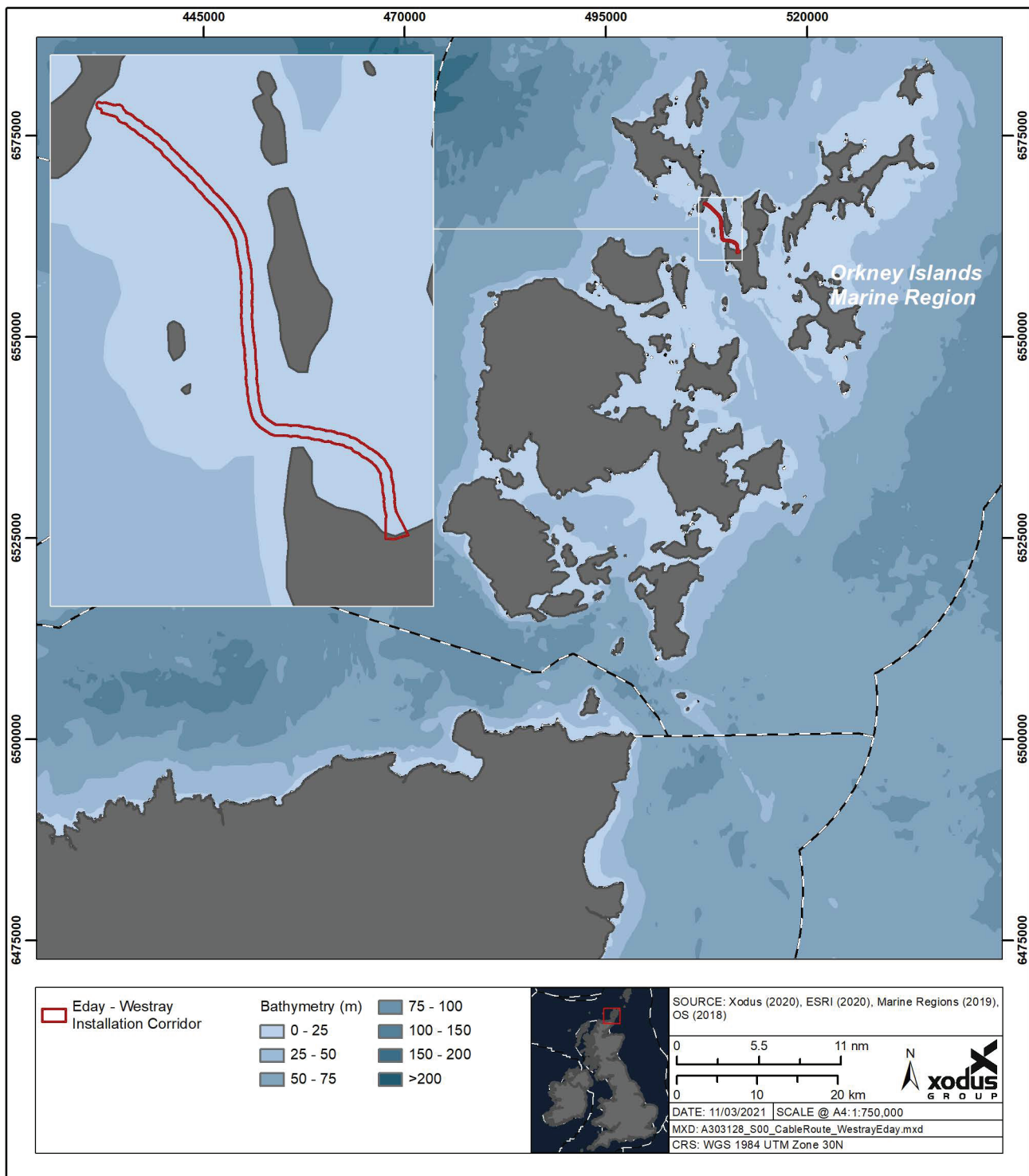
Please give details of the cues/triggers and the decision process to activate ADDs. These cues / triggers should be specific and measurable and should relate to predation events by seals rather than presence of seals in the area.

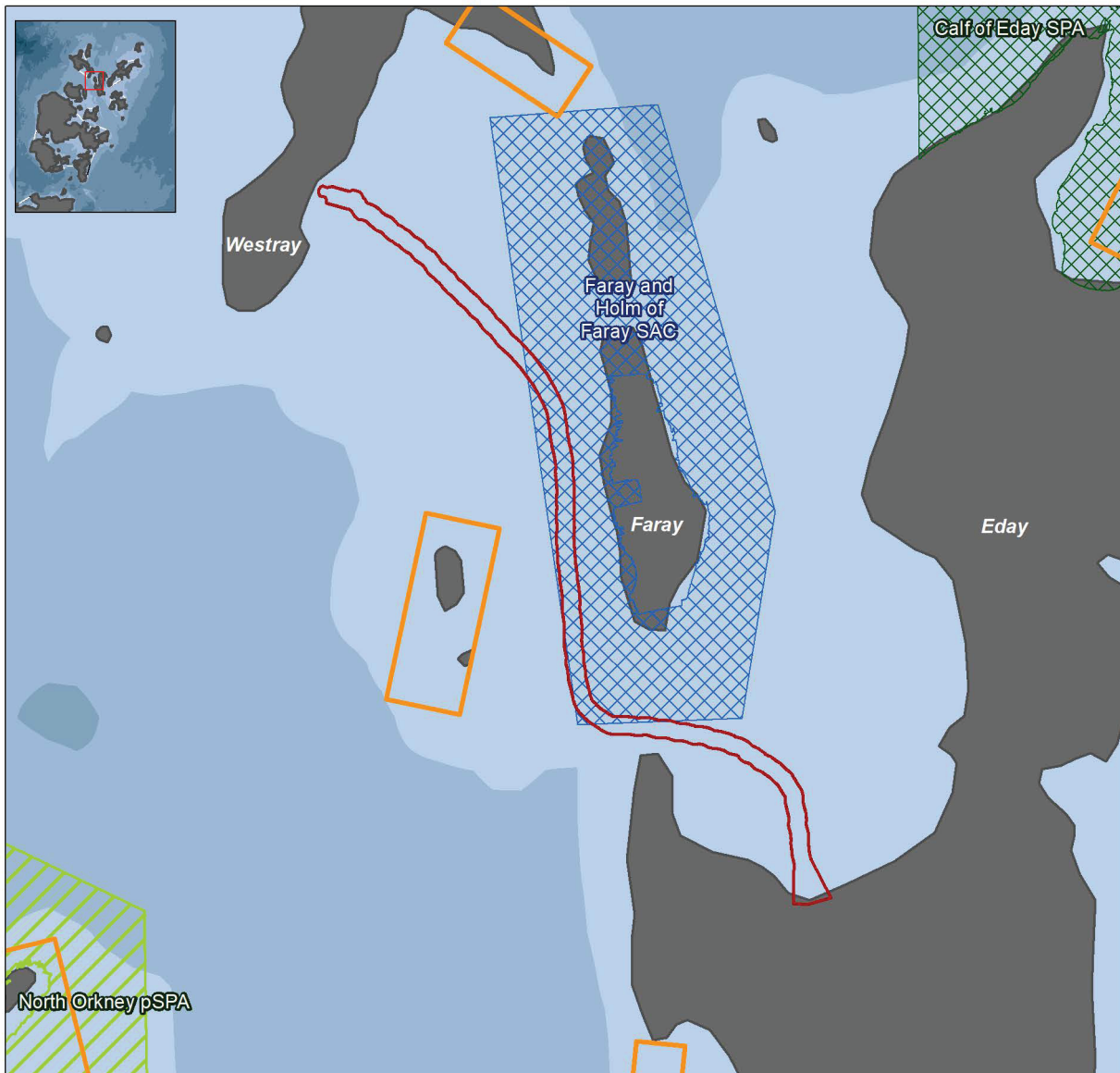
Give details of how ADD use is to be reviewed

Give details of criteria for deactivation or removal of ADDs (including if they appear to be ineffective)

Give details of ADD deployment plans and any relevant planning conditions relating to ADD use

Please use additional sheets for further device types





- Eday - Westray Installation Corridor
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Potential Special Protection Area (pSPA)
- Nature Conservation Marine Protected Area (NCMPA)

- Protected seal haul-out sites
- Bathymetry (m)**
- 0 - 25
- 25 - 50
- 50 - 75

SOURCE: Xodus (2020), ESRI (2020), Marine Regions (2019), OS (2018), JNCC (2020), SNH (2020)

0 0.45 0.9 nm

0 1 2 km

DATE: 26/02/2021 SCALE @ A4: 1:60,000

MXD: A303128_S00_ProtectedSitesEdayWestray.mxd

CRS: WGS 1984 UTM Zone 30N

xodus
GROUP

Latitude and Longitude co-ordinates (WGS84) defining the extent of the project:

Cable Installation Corridor Coordinates (WGS84)					
Latitude DMS	Longitude DMS	Latitude DDM	Longitude DDM	Latitude DD	Longitude DD
Eday - Westray					
59° 14' 17.62" N	2° 52' 26.13" W	59° 14.294' N	2° 52.436' W	59.23822902	-2.873923634
59° 14' 9.20" N	2° 51' 33.03" W	59° 14.153' N	2° 51.551' W	59.23588856	-2.859176337
59° 13' 21.17" N	2° 50' 10.67" W	59° 13.353' N	2° 50.178' W	59.2225482	-2.836297806
59° 11' 57.86" N	2° 49' 59.71" W	59° 11.964' N	2° 49.995' W	59.19940469	-2.833253015
59° 11' 48.58" N	2° 48' 36.89" W	59° 11.810' N	2° 48.615' W	59.19682759	-2.81024751
59° 11' 35.60" N	2° 48' 3.92" W	59° 11.593' N	2° 48.065' W	59.19322273	-2.80108819
59° 11' 2.76" N	2° 47' 50.86" W	59° 11.046' N	2° 47.848' W	59.18410045	-2.797461462
59° 11' 0.43" N	2° 48' 10.95" W	59° 11.007' N	2° 48.183' W	59.18345411	-2.803041307
59° 11' 33.61" N	2° 48' 20.53" W	59° 11.560' N	2° 48.342' W	59.19266853	-2.805702213
59° 11' 51.07" N	2° 50' 10.83" W	59° 11.851' N	2° 50.181' W	59.19752005	-2.836342644
59° 13' 19.63" N	2° 50' 25.92" W	59° 13.327' N	2° 50.432' W	59.22211811	-2.840531961
59° 14' 15.47" N	2° 52' 19.80" W	59° 14.258' N	2° 52.330' W	59.23763167	-2.8721672
59° 14' 19.69" N	2° 52' 24.06" W	59° 14.328' N	2° 52.401' W	59.23880215	-2.873348942
59° 14' 20.95" N	2° 52' 11.09" W	59° 14.349' N	2° 52.185' W	59.23915278	-2.86974755
<i>For the avoidance of doubt, the landward boundaries of the installation corridor covered by this application shall be MHWS. The landfall boundaries defined by the coordinates within this document should be considered approximations, due to the requirement to limit the number of vertices.</i>					