

**FAO Rebecca Bamlett**  
Offshore Renewable Energy Projects  
Consenting Leader  
Marine Directorate – Licensing Operations  
Team  
Scottish Government  
Marine Laboratory  
375 Victoria Road  
Aberdeen  
AB11 9DB

**SSE Renewables**  
1 Waterloo Street  
Glasgow  
G2 6AY

28 July 2023

Dear Ms Bamlett

**Marine and Coastal Access Act 2009  
The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)**

**Application by Berwick Bank Wind Farm Limited (BBWFL) for a Marine Licence to Construct and Operate Offshore Transmission Infrastructure in Scottish waters for Berwick Bank Wind Farm Cambois Connection Marine Scheme**

Berwick Bank Wind Farm Limited (BBWFL) is a wholly owned subsidiary of SSE Renewables Limited. SSE Renewables is a leading developer and operator of renewable energy, headquartered in the UK and Ireland, with a growing presence internationally. Its strategy is to lead the transition to a net zero future through the world-class development, construction and operation of renewable power assets and it is building more offshore wind energy than any other company in the world. In the UK, SSER's portfolio includes the 3.6 GW Dogger Bank Wind Farm in the North Sea and the 1.1 GW Seagreen Offshore Wind Farm in the Firth of Forth. BBWFL is also developing the Berwick Bank Wind Farm (BBWF) in the Firth of Forth.

To enable BBWF to export its full generation capacity by 2030 BBWFL is developing the Cambois Connection. The Cambois Connection comprises two proposals or 'Schemes':

- **Marine Scheme:** comprising the construction, operation and maintenance, and decommissioning of up to four high voltage direct current (HVDC) Offshore Export Cables from up to two Offshore Converter Station Platforms (OCSPs) within the BBWF array area to mean high water springs (MHWS) of the Landfall location near Cambois, Northumberland. The Marine Scheme includes all aspects of the Cambois Connection seaward of MHWS and is located in both Scottish and English waters ; and
- **Onshore Scheme:** comprising the construction, operation and maintenance, and decommissioning of a cable Landfall (down to mean low water springs (MLWS)), including up to four onshore HVDC cables (Onshore Export Cables), an onshore Converter Station, high voltage alternating current (HVAC) grid cables and works to integrate into the existing National Grid Blyth substation. The Onshore Scheme includes all aspects of the Cambois Connection located landward of MLWS.

This application is being submitted by BBWFL for a Marine Licence under Part 4 of the Marine and Coastal Access Act 2009 for the construction, operation and maintenance of Offshore Export Cables and supporting activities beyond the 12 nautical miles (nm) limit, extending from up to two Offshore Converter Station Platforms (OCSPs) within the BBWF array area to the Scottish/English border in the North Sea (the 'Marine Scheme in Scottish waters').

It is important to note that whilst the Marine Scheme boundary overlaps with the BBWF array area, this is only to accommodate the Offshore Export Cables and supporting works for the Marine Scheme in Scottish waters. No OCSPs or BBWF generation assets are included within the scope of the Marine Scheme in Scottish waters and hence are not included within this Marine Licence application. A Marine Licence for up to two Offshore Substation Platforms/Offshore Converter Station Platforms and up to one interconnector cable has been submitted separately by the Applicant to MD-LOT on 9 December 2022.

An application for the necessary Marine Licence under the Marine and Coastal Access Act 2009 to support the Marine Scheme in English waters is being applied for separately at the same time (28 July 2023) to the Marine Management Organisation (MMO).

An application for the necessary planning application for the Onshore Scheme under Section 57 of the Town and Country Planning Act 1990 will be applied for in Q3 2023 to Northumberland County Council (NCC).

### **Overview of the Marine Scheme in Scottish waters**

The Marine Scheme in Scottish waters will be located in Scottish waters (12 nm – 200 nm).

It will comprise of the following key offshore components:

- up to four high voltage direct current (HVDC) Offshore Export Cables and four fibre optic cables from up to two OCSPs within the BBWF array area to the Scottish/English border in the North Sea;
- cable protection, where required.

The Offshore Export Cable Corridor Offshore within which the Export Cables will be installed will have a length of up to 40 km within Scottish waters.

### **Compliance with the Environmental Impact Assessment (EIA) and Habitats Regulations**

An Environmental Impact Assessment (EIA) has been completed for the Marine Scheme in accordance with The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended). The Environmental Statement (ES) (Volumes 1 to 5) has been submitted as part of this Marine Licence application.

A single ES has been carried out for the Marine Scheme in Scottish waters and the Marine Scheme in English waters. In line with pre-application discussions with MD-LOT and the MMO, and the approach provided for feedback as part of Scoping, a single EIA provides benefits in terms of consistency to the impact assessment, as well as streamlining the licencing and consenting process for regulatory bodies. Furthermore, it is advantageous to those stakeholders who sit across both English and Scottish waters, such as the Marine and Coastguard Agency and the Royal National Lifeboat Institution, for example. Notwithstanding, to aid decision making and reviews by stakeholders within different jurisdictions, relevant distinctions between aspects of the Marine Scheme in Scottish waters and English waters

have been made; for example specific policy and guidance relevant to each jurisdiction, maximum design scenario parameters within each jurisdiction or potential impacts relevant to each jurisdiction (such as potential impacts at the Landfall which is in English waters).

A separate ES is being prepared to accompany a planning application to NCC for the Onshore Scheme (the 'Onshore Scheme ES'), in accordance with The Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (as amended).

A Habitats Regulations Appraisal/Assessment (HRA) has been completed for the Marine Scheme as required under The Conservation of Offshore Marine Habitats and Species Regulations 2017 (as applicable in Scotland and England for the Marine Scheme) and The Conservation of Habitats and Species Regulations 2017 (as applicable in England for the Onshore Scheme). In accordance with these Regulations a Report to Inform an Appropriate Assessment (RIAA) has been completed based on the outcome from the HRA Screening (assessment of likely significant effects (LSE)).

A Marine Protected Area (MPA)/Marine Conservation Zone (MCZ) Assessment has been completed for the Marine Scheme in accordance with the requirements of the Marine and Coastal Access Act 2009.

A Water Framework Directive (WFD) Assessment has been completed for the Marine Scheme in English waters in accordance with the requirements of the Water Environment (Water Framework Directive) Regulations 2017. There is no requirement for a WFD assessment in Scottish waters (the Marine Scheme being beyond inshore waters, and there being no pathway for an impact to an inshore waterbody) however this is provided for consistency with the Marine License Application being made to the MMO.

## **Documentation Enclosed**

The documents submitted as part of the Marine Licence application for the Marine Scheme in Scottish waters include:

- This cover letter to the Marine Licence application
- Marine Licence application forms and supporting information
- Environmental Statement:
  - Volume 1 – Non-Technical Summary
  - Volume 2 – ES Chapters
  - Volume 3 – Technical Appendices and Annexes
  - Volume 4 – Figures
  - Volume 5 – Outline Management Plans
- Consent Application Accompanying Documents:
- Report to Inform an Appropriate Assessment (RIAA):
  - Part One – Introduction and Special Area of Conservation (SAC) Assessments
  - Part Two – Special Protection Area (SPA) Assessments
  - Appendix including Habitat Regulations Appraisal/Assessment (HRA) Stage 1 Screening Report
- MPA/MCZ Assessment
- Water Framework Directive Assessment (for the Marine Scheme in English waters)

**Public Notices / Advertisements**

Public notices advising that BBWFL has submitted applications for a Marine Licence to the Marine Directorate and inviting the public to submit comments on the application will be placed in the following publications on dates to be agreed with the Marine Directorate Licensing Operations Team:

- Edinburgh Gazette
- East Lothian Courier
- Borders Telegraph
- Fishing News

The adverts will advise the public how to participate in the consultation on the application, in accordance with The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended) and the Marine and Coastal Access Act 2009.

Hard copies of the application documents will be made available for the public to view in the following locations:

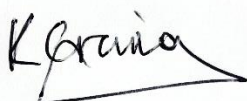
Location	Address	Opening Hours
East Lothian Council Headquarters	John Muir House Brewery Park Haddington EH41 3HA	Open Monday to Thursday: 9am - 5pm Friday: 9am - 4pm
Scottish Borders Council Council Headquarters	Newtown St. Boswells Melrose TD6 0SA	Monday to Thursday: 8am-5pm Friday: 8am - 4pm Saturday: 9am - 12noon
Eyemouth Library	Manse Road Eyemouth TD14 5JE	Monday: 10am – 1pm and 2pm – 5pm Thursday: 10am – 1pm Friday: 10am – 1pm and 2pm – 5pm

Once the application has been accepted by the Marine Directorate Licencing Operations Team, the application documents will be published online at: <https://www.berwickbank.com>.

Hard copies can also be made available on request. These will be subject to a charge of £200. Requests for hard copies of the application documents can be made at: [berwickbank@sse.com](mailto:berwickbank@sse.com)

We look forward to hearing from you in relation to the formal acceptance of the application.

Yours faithfully,



Kerrie Craig  
Consent Delivery Lead

## Marine Renewable Energy Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

### Marine (Scotland) Act 2010

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

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Guidance document. If further clarification is needed please contact Marine Scotland Licensing Operations Team (MS-LOT) on 01224 295579 or email:

[MS.MarineLicensing@scotland.gsi.gov.uk](mailto:MS.MarineLicensing@scotland.gsi.gov.uk)

Please refer to the General Guidance for information regarding payment methods.

# Explanatory Notes

## 2. Applicant

The person, company or organisation making the application that will be named as the licensee on any licence issued.

## 3. Agent

Any person, company or organisation acting under contract (or other agreement) on behalf of any party listed in the answer to question 2, and having responsibility for the control, management or physical deposit of materials anywhere below the tidal limit of the mean high water springs (MHWS) (e.g. a consultancy company submitting the application or a contractor who will be carrying out the works.)

## 4. Duration of Project

Provide details of the proposed commencement and completion dates of the project. The start date will not normally be backdated, except in exceptional circumstances, since to commence a project for which a licence has not been obtained may constitute an offence resulting in appropriate legal action. A licence is normally valid for 1 calendar year or the duration of the project (whichever is longer). After this period, it may be necessary for licence holders to re-apply for a further licence to continue any ongoing work (i.e. the project will be reviewed to establish whether original details are being adhered to). Although Marine Scotland Licensing Operations Team (MS-LOT) will aim to write to licence holders one month before the expiry date of a licence, it is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

## 5. Description and Cost of the Proposed Project

- (a) This estimate should only cover work taking place below the tidal level of MHWS and should take into consideration the cost of materials, labour fees etc.
- (b) Where the project is expected to take longer than 12 consecutive months, this description must detail which elements are to be undertaken in the first 12 months, with an outline of the schedule for each further 12 month period (the method of work should be described in the answer to question 7). In the event that MS-LOT must undertake a wider consultation on your application this description may be used as a basis for informing other bodies as to the nature of the proposed work.
- (c) Best describe the type of work proposed. Where the project involves a number of elements, please complete all appropriate boxes.

## 6. Location of Project

Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points of the proposed project. In some cases, (e.g. the laying of cables) it may only be practicable to supply NGR or latitude and longitude co-ordinates for the start and end points.

**NGR:** Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.

**Latitude & longitude:** For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 55°55.55'N 222.22'W. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the datum should be explicitly marked, e.g. 55°55'44"N 2°22'11"W. For positions read from larger scale charts, e.g. 1:10,000, three decimal places of minutes should be used, e.g. 55°55.444'N 2°22.222'W.

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

To supplement the information given in section 6, the following must be provided with the completed application form:

- a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which should be marked to indicate:
  - the full extent of the project in relation to the surrounding area;
  - either NGR or latitude and longitude co-ordinates defining the area of operation.
  - the level of MHWS;
  - any adjacent Special Area of Conservation (SAC), Special Protection Area (SPA), Site of Special Scientific Interest (SSSI), Ramsar or similar conservation area boundary.

These drawings/plans may be copied to others as part of the MS-LOT consultation process. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

## 7. Method Statement

Please provide a full method statement, including details of any temporary structures/deposits that may be required below MHWS during the project, the ultimate fate of the structure and material used in its construction. Details of temporary structures will be included in any licence issued.

Proposed measures to ensure the marine environment is adequately safeguarded during the project should also be described, as should those taken to minimise any interference with other uses of the sea or foreshore.

## 8. Permanent (and Temporary) Deposits

- (a) Complete the appropriate box(es) to indicate all materials to be deposited below MHWS. If you propose using types of materials for which a specific box is not provided, please describe the nature of such material in the box marked "Other".
- (b) If any materials to be placed below MHWS are to be brought to the site by sea, give details of the material (e.g. clean rock, average particle size) the vessels to be used,

A chart should also be provided showing the proposed vessel route to the project site and details of any transshipment areas (i.e. where material may be off-loaded to smaller vessels/barges for transport inshore).

If temporary deposits are required, please provide details as with the permanent deposits above. The temporary deposit location details (NGR or Lat/Long) should be added to section 6 of the form, and the period of time the site will be used must be provided. If issuing a licence, MS-LOT will include on the document details of any area that has been approved as a temporary deposit site

## 9. Producer/Contractor

The person, company or organisation whose activities produce the material intended for deposit in the sea (e.g. the dredging or excavation contractor).

## 10. Holder

The person, company or organisation that will be in possession of the waste prior to its deposit in the sea. This will include those providing temporary storage facilities or transporting the material to the vessel for conveyance to the sea disposal site etc.

## 11. Agent

Any person, company or organisation acting under contract (or other agreement) on behalf of any party listed in the answer to sections 1, 9 or 10 and having responsibility for the control, management or deposit anywhere below the tidal limit of MHWS (e.g. a consultancy company submitting the application or a contractor who will be carrying out the operations).

## 12. Duration of Dredging/Drilling Operation

Provide details of the proposed commencement and completion dates of the operations. The start date will not normally be backdated, except in exceptional circumstances, since to commence a project for which a licence has not been obtained may constitute an offence resulting in appropriate legal action. A licence may be issued for up to 3 calendar years, although MS-LOT will aim to write to licence holders two months before the expiry date of a licence, it is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

## 13. Details of Dredging/Drilling and Disposal Vessel(s)

The name, operator and type of vessel, including the type of dredging/drilling plant (e.g. cutter-suction) should be entered. If vessel details are not available at the time of application, please indicate this on the form as these details will be required prior to licence issue.

## 14. Method Statement of Dredging/Drilling Operation

Provide a full method statement of the dredging/drilling operation. This should include details such as the rate of dredging/drilling, timing of the operation, order of the areas to be dredged/drilled and the precautions taken to protect both navigation and the environment.

## 15. Use of Explosives

Indicate whether explosives are to be used as part of the dredging operations. If yes, please indicate if a method statement has been provided with your application. If a method statement has been produced but is not available, please provide an explanation in the space provided.

## 16. Details of Areas to be Dredged/Drilled

This section requires data to be provided about the source area to be dredged and the type of material to be deposited.

**Name of Area** - An annotated chart/location plan (either at A3 or A4 format) of suitable scale (1:2,500 but no more than 1:10,000) should be provided, with each proposed dredge area marked and named. The chart/location plan should show the full extent of the project in relation to the surrounding area. These drawings/plans may be copied to others as part of MS-LOT consultation procedures. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

**Co-ordinates** - Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points for the proposed dredge areas.

- **NGR:** Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.
- **Latitude & longitude:** For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 55°55.55'N 222.22'W. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the datum should be explicitly marked, e.g. 55°55'44"N 2°22'11"W. For positions read from larger scale charts, e.g. 1:10,000, three decimal



places of minutes should be used, e.g. 55°55.444'N 2°22.222'W.

**Nature of Dredge/Drill Area** - provide a description of the type of area to be dredged/drilled (e.g. river bed, sea, harbour, approach channel, estuary)

## 17. Details of Material to be Dredged/Drilled

Information is required for each of the areas listed in the answer to section 16. The applicant should indicate the following:

A pre-dredge survey and sediment chemical analysis report will be required by MS-LOT prior to the issue of a sea disposal licence. Please contact MS-LOT for details in relation to specific projects. In addition to those samples analysed by the applicant, sediment sub-samples must be submitted to MS-LOT as check monitoring may be required.

**Physical Composition of Material** - indicate the approximate proportions (by volume) of the different types of dredged materials which are expected to be removed from each area.

For the purposes of this application the following descriptions should be used:

Average particle size (Based on the Wentworth Table)		
Description	Lower range	Upper range
Boulders	256 mm+	
Cobbles	64 mm	256 mm
Pebbles	4mm	64 mm
Granules	2 mm	4mm
Sand	62 microns	2mm
Silt and clay		62 microns

**Depth of Material to be Removed** - indicate the maximum depth (in metres) below the current seabed level, to which it is expected dredging is to be carried out.

**Estimated Specific Gravity** - indicate the specific gravity of the material to be disposed.

**Quantity to be Dredged/Drilled per Year** - the amount of material to be dredged (per year) from each area. Indicate unit of measure, either in-situ cubic metres or metric tonnes.

## 18. Dredged/Drilled Material: Additional Information

**Contamination** - information should be given regarding contamination in any of the areas to be dredged/drilled e.g. waste discharges, man-made rubbish or industrial activity in close proximity.

**Type of dredger** - indicate the type of dredging plant to be used within each area.

**Beneficial uses** – include any intended beneficial use of material (details to be provided in the BPEO).

## 19. Details of Dredged/Drilled Material Quality

The applicant is required to have representative sediment samples analysed at a laboratory of choice. This is liable to extend the time required to consider your application **as no licence will be issued without provision of this chemistry data**. As part of the application consideration process, an assessment will be made of the

chemical and physical characteristics of the material to be deposited at sea and its potential effects upon the marine environment.

As part of the licence conditions, you may be required to take representative samples of the dredged/drilled material during the dredging/sea disposal operations for analysis by MS-LOT. In such cases, samples should be taken at specified locations and depths and placed in containers which will be provided. The samples should then be returned to MS-LOT at the Marine Laboratory Aberdeen. This process enables the UK to fulfil its obligations under international conventions.

## 20. Best Practicable Environmental Option (BPEO) Assessment

Under Part 4, Section 27(2) of the Marine (Scotland) Act 2010 (there is no equivalent provision under the Marine and Coastal Access Act 2009), the Licensing Authority has an obligation to consider the availability of practical alternatives when considering applications involving disposal of material at sea. In order for Marine Scotland to thoroughly assess the available alternative options and reach a properly considered decision, all sea disposal licence applications must be supported by a detailed assessment of the alternative options - a Best Practicable Environmental Option (BPEO) assessment. This should include a statement setting out the reasons which have led to the conclusion that deposit of the materials at sea is the BPEO. **Sea disposal applications will not be considered unless they are accompanied by a BPEO assessment.** All options in the BPEO should be explored fully (as per the guidance documents) otherwise your form and BPEO are liable to be returned to you thereby delaying processing of the application.

## 21. Sea Disposal Site Details

Provide details of the proposed sea disposal site for the dredged material and, if necessary, any alternative sea disposal site(s) considered. In determining whether to issue a licence, MS-LOT will take into account any site nominated by the applicant. However, should this site be unsuitable, the nearest suitable disposal site for the dredged material will be identified. Should you wish to establish a new site, please provide details in a covering letter with your application and MS-LOT will contact you to discuss your proposal before your application is determined. The cost of any site investigations to identify any new sea disposal site will normally be the responsibility of the applicant.

## 22. Other Consents

Detail all consents required for the proposed project and indicate those that you have applied for or received. In all cases the applicant must provide the name and address of the nearest Local Planning Authority for the location of the project.

## 23. Statutory Consenting Powers

Please describe in the answer to this question what (if any) statutory responsibilities you (or your client) have to consent any aspect of the project.

## 24. Advertising and Consultation

- (a) Confirm whether the proposed project has been advertised, and if so how and where?
- (b) Have the public been invited to comment on the proposed project? If so to whom and what was the closing date?
- (c) Have any consultation meetings been held with the public? If so where and when?

## 25. Consultation with Conservation Bodies

Consenting Authorities have a duty to ensure marine projects will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. SSSI, SAC, SPA, Ramsar sites etc). All details of

consultations with conservation bodies (e.g. SNH, JNCC) should be given, particularly where the applicant has statutory powers for consenting aspects of the project

In addition, guidance can be obtained from [www.foodstandards.gov.uk/](http://www.foodstandards.gov.uk/) with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

## 26. Designated Conservation Areas

Indicate whether the proposed project is located within or close to the boundaries of a conservation area such as a SAC, SPA, SSSI or Ramsar site (further information can be found on the SNH SiteLink webpage <http://gateway.snh.gov.uk/>).

## 27. Environmental Assessment

Under the Marine Works (EIA) Regulations 2007, there may be a requirement for certain projects to undergo an Environmental Impact Assessment (EIA) and produce an Environmental Statement (ES). If an EIA/ES is deemed necessary, MS-LOT cannot issue a marine Licence until the outcome of the EIA/ES has been determined. Please indicate whether any EIA has been carried out in respect of the proposed project, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the space provided.

Additionally, please also give details regarding if and where a copy has been/is being made available for public inspection.

## Other Considerations

Applicants should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage". Please ensure that you have:

- completed **all** applicable sections of the application form;
- signed and dated the declaration;
- provided the correct relevant documents, charts, and continuation sheets (where necessary); and
- enclosed the correct payment (together with the remittance slip) or paid by means of BACS (if appropriate).

**Otherwise your application may be delayed or returned to you.**

# Application for Marine Renewable Energy Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

(ML-003)

## Marine (Scotland) Act 2010

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

**Under Part 4, Section 54 of the Marine (Scotland) Act 2010 and Section 101 of the Marine and Coastal Access Act 2009 all information contained within or provided in support of this application will be placed on the Public Register. There is no national security grounds for application information not going on the Register under the 2010 Act. Under the 2009 Act, application information goes on the Register unless the Secretary of State determines that it's disclosure in the Register would be contrary to the interests of national security.**

### Public Register

Is there any information contained within or provided in support of this application that you consider should not be included on the Public Register on the grounds that its disclosure

- (a) would be contrary to the interests of national security; or YES  NO
- (b) would adversely affect the confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? YES  NO

If **YES**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.



**5. Description and Cost of the Proposed Project**

**(a)** Estimated gross cost of the works proposed seawards of the tidal limit of MHWS

**(b)** Give a detailed description of the proposed schedule of work.

**(c)** Types of Work Proposed

General Marine Project (e.g. wave, tidal device, monopile turbine)

Scientific/Marine Survey (e.g. geotechnical, geophysical, waverider):

Moorings (e.g. private, commercial):

Dredging/Drilling Operations

**6. Location of Project (including any temporary deposit locations)**

This should include either National Grid References (NGR) or Latitude and Longitude co-ordinates defining the extent of the project.

**7. Method Statement**

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**8. Permanent (and Temporary) Deposits**

(a) Quantity of permanent (and temporary, where applicable) materials to be deposited below MHWS:

Type of Deposit	Nature of Deposit (P = Permanent, T = Temporary)	Deposit Quantity
Steel/Iron		Tonnes No. (if applicable)
Timber		m <sup>3</sup> /tonnes
Plastic/Synthetic		m <sup>2</sup>
Concrete		m <sup>3</sup>
Silt		m <sup>3</sup>
Sand		m <sup>3</sup>
Stone/Rock/Gravel		Size range (mm) Total m <sup>3</sup>
Concrete bags/mattresses		No. Dimensions Total m <sup>3</sup>
Cable		Length (m)

Other (please describe below):

(b) Method of delivery of material.  
(see Guidance Notes)

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*If necessary, please continue on a separate sheet and tick this box*

**IF THE PROJECT INVOLVES DREDGING/DRILLING (AND DISPOSAL OF DREDGED MATERIALS AT SEA) THEN PLEASE COMPLETE THE FOLLOWING SECTIONS, OTHERWISE PROCEED TO SECTION 22**





Position within Company  
(if appropriate)

Telephone No.  
(inc. dialing code)

Fax No.  
(inc. dialing code)

Company Registration No.

Email

*If more than one 'Agent' please continue on a separate sheet and tick the box*

## 12. Duration of Dredging/Drilling Operation

When is it proposed to begin the dredging/drilling operation?

When are dredging/drilling and disposal operations expected to be completed?

## 13. Details of Dredging/Drilling and Disposal Vessel(s)

	Name of Vessel and Operator	Type of Vessel
(a)		
(b)		
(c)		
(d)		

## 14. Method Statement for Dredging/Drilling Operation

## 15. Use of Explosives

Will any part of the dredging operation involve the use of explosives?

YES  NO

If YES,

Has a method statement regarding the use of explosives been submitted with this application?

YES  NO

If a method statement is not being submitted, please provide an explanation as to why.

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**16. Details of Areas to be Dredged/Drilled**

<b>Dredge/Drill Areas</b>	<b>Name of Area to be Dredged/Drilled</b>	<b>Co-ordinates</b>	<b>Nature of Dredged/Drilled Area</b>
A			
B			
C			
D			
E			

*If necessary please continue on a separate sheet and tick this box*

**17. Details of Material to be Dredged/Drilled**

For each of the areas at rows A –E above (plus any listed separately), provide the following information:

<b>Dredge/Drill Areas</b>	<b>Estimated Specific Gravity</b>	<b>Physical Composition of Material</b>	<b>Depth of Material to be Removed (metres)</b>	<b>Quantity to be Dredged/Drilled per Year (either in-situ m<sup>3</sup> or metric tonnes)</b>
A				
B				
C				
D				
E				

*If necessary please continue on a separate sheet and tick this box*

**18. Dredged/Drilled Material: Additional Information**

For each of the areas at rows A – E above (plus any listed separately), provide the following information:

Dredge/Drill Areas	Type of Contamination	Type of Dredger	Beneficial Uses
A			
B			
C			
D			
E			

If necessary please continue on a separate sheet and tick this box

**19. Details of Dredged Material Quality**

Has the dredged/drilled material been chemically analysed in the last 3 years? YES  NO

Can the samples be made available if required? YES  NO

If **NO**, when will they be available?

**20. Best Practicable Environmental Option (BPEO) Assessment**

Has an up to date BPEO assessment been included with your application? YES  NO

**21. Sea Disposal Site Details**

Name of Disposal Site (or Oslo Code)	Co-ordinates of Disposal Site

**22. Other Consents**

Provide details below of all consents you have applied for or received.

Type of Consent	(Tick appropriate box)		Reference No.	Date of Issue of Consent
	Applied for	Not Applied for		
1. Local Planning Authority (LPA) (e.g. Town and Country Planning Act)  Name and address of LPA for Location of proposed works:				
2. Land Owner e.g. The Crown Estate				
3. Local Port or Harbour Authority e.g. local work licence				
4. Scottish Environment Protection Agency (SEPA)				
5. Others				

**23. Statutory Consenting Powers**

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this project?

**24. Advertising and Consultation**

Have these proposals been advertised to the public?

YES  NO

If **YES**, how and where?

Have the public been invited to submit comments?

YES  NO

If **YES**, to whom and by what closing date?

Have any consultation meetings with the public been arranged?

YES  NO

If **YES**, where and when are these to be held?

## 25. Consultation with Conservation Bodies

Provide details of any consultation with Conservations Bodies, and, if appropriate, include copies of any correspondence with your application.

## 26. Designated Conservation Areas

Are any parts of the proposed project located within the boundaries of a designated conservation area?

If yes, indicate approximate distance of the project from the boundary of the nearest conservation area(s)

If appropriate, are any parts of the proposed dredging and/or deposit operations located within the boundaries of a designated conservation area?

If yes, indicate approximate distance of the operations from the boundary of the nearest conservation area(s)

## 27. Environmental Assessment

Has an Environmental Impact Assessment (EIA)/Environmental Statement (ES) been undertaken to support any application in respect of the project, your own statutory powers (if applicable) or any other reason?

YES  NO

If **YES**, is a copy of the EIA/ES included with this application?

YES  NO

If the EIA/ES has been undertaken but has not been included with this application, please provide an

explanation below.

Is the EIA/ES available for public inspection?

YES  NO

If **YES**, at what locations:

### Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

### WARNING

**It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.**

Signature



Date

Name in BLOCK LETTERS

Position within company  
(if appropriate)

**Please check carefully the information you have given and that all the enclosures (including copies) have been included.**

## Application Check List

### 1. Electronic Application

- Completed application form **x 1**
- Project drawings **x 1**
- Method Statement **x 1**
- Maps/Charts **x 1**
- Additional environmental information, eg. Photographs, Environmental Impact Assessment etc (if required) **x 1**
- Payment (signed cheque or BACS details)


### 2. Non-electronic Application

- Completed, signed application form **x 7**
- Project drawings **x 7**
- Method Statement **x 7**
- Maps/Charts **x 7**
- Additional information, eg. photographs, Environmental Impact Assessment etc (if required) **x 7 (dependent on size and relevance to consultees)**
- Payment (signed cheque or BACS details)


## **Cambois Connection Marine Scheme - Marine Licence Application Supporting Information**

The Cambois Connection Marine Scheme comprises up to four High Voltage Direct Current (HVDC) Offshore Export Cables connecting the Berwick Bank Wind Farm (BBWF) to a Landfall in Cambois, near Blyth, Northumberland. The Marine Scheme includes all infrastructure seaward of Mean High Water Spring (MHWS). This includes exit pits associated with the landfall infrastructure (trenchless technology) and cable protection. The total length of the Marine Scheme from the BBWF to the Landfall at Cambois is 720 km (for four HVDC cables). This includes up to 160 km in Scottish Waters and 560 km in English Waters.

The section of the Marine Scheme in English Waters is subject to a separate Marine Licence under the Marine and Coastal Access Act 2009. The Marine Licence application for the section of the Marine Scheme in English Waters has been submitted to the Marine Management Organisation (MMO) at the same time as this application (July 2023).

The Cambois Connection Onshore Scheme includes the landfall infrastructure (trenchless technology) located above MLWS, onshore HVDC export cables, onshore HVDC converter station and onshore HVAC cables connecting to the National Grid 400 kV Substation in Blyth, Northumberland. The Onshore Scheme is subject to a separate application for outline planning permission from Northumberland County Council (NCC).

### **Response to Question 5 (b) Give a detailed description of the proposed schedule of work.**

#### Schedule of works based on information presented in the Environmental Statement - Volume 2 Chapter 5 Project Description

An outline of the programme for construction of the Marine Scheme is given below to provide indicative commencement and completion dates, together with estimated durations of key construction activities.

Until detailed design of the Marine Scheme is progressed and further refined pre-construction, this programme for the Marine Scheme as a whole is indicative and is subject to further refinement, but is used to inform assessment of construction phase impacts for the Marine Scheme.

- The indicative outline construction programme includes the following:
- Commencement of offshore construction (including site preparation works) expected in Q4 2026;
- Commencement of construction at landfall estimated in Q4 2027;
- Commencement of Offshore Export Cable installation estimated in Q3 2028;
- Completion of construction in Q4 2029;
- Key construction activity and estimated durations:
  - Site preparation works: up to 39 months;
  - Landfall construction: up to 15 months; and
  - Offshore Export Cable installation: up to 18 months.

Whilst the site preparation works will occur for the duration of the construction phase, these will not be continuous. As up to four Offshore Export Cables are to be installed, there are



expected to be periods when some site preparation, landfall and cable installation works occur concurrently.

### Response to Question 8 Permanent (and Temporary) Deposits

Question 8 (a): Complete the appropriate box(es) to indicate all materials to be deposited below MHWS. If you propose using types of materials for which a specific box is not provided, please describe the nature of such material in the box marked “Other”.

Permanent deposits required for the Cambois Connection Marine Scheme in Scottish waters are presented in the table below on an indicative, maximum design scenario basis.

Type of Deposit	Nature of Deposit (P = Permanent, T = Temporary)	Deposit Quantity
Steel / Iron	n/a	n/a
Timber	n/a	n/a
Plastic / Synthetic	n/a	n/a
Concrete	n/a	n/a
Silt	n/a	n/a
Sand	n/a	n/a
Stone / Rock / Gravel	P	180,000 m3
Concrete bags / Mattresses	P	180,000 m3
Cable	P	160 km

Question 8 (b) If any materials to be placed below MHWS are to be brought to the site by sea, give details of the material (e.g. clean rock, average particle size) and the vessels to be used,

All of the above materials to be placed below MHWS are to be brought to site by sea. Please see ES Volume 2, Chapter 5 Project Description, which sets out the maximum numbers and types of vessels that will be required during construction and operation of the Marine Scheme.

### Response to Question 24 Advertising and Consultation

Questions 24 (a) Have the proposals been advertised to the public?  
If YES, how and where?

Yes, the proposals have been advertised to the public and the application will be advertised to the public following submission.

In terms of advertising the application to the public, following submission of the application and on dates to be agreed with Marine Directorate’s Licensing Operations Team (MD-LOT), public notices advising that the Applicant has submitted a Marine Licence to MD-LOT and inviting the public to submit comments on the application, will be placed in the following publications:

- East Lothian Courier
- Borders Telegraph
- Edinburgh Gazette
- Fishing News

Question 24 (b) Have the public been invited to submit comments?

**If Yes, to whom and by what closing date?**

Yes, the public have been invited to submit comments on the proposals and will be invited to submit comments on the Application.

A pre-application public exhibition was held on 11<sup>th</sup> May 2023 in East Bedlington, near Blyth and Cambois, Northumberland. The focus of this exhibition was to introduce and update the public on the progress of the Cambois Connection Project (both the Marine Scheme and the Onshore Scheme). Approximately 50 attendees joined the event.

During the pre-application consultation event, the public were invited to submit comments in person during the events and by completing feedback forms made available at the events. Details of the project website were also made available at the event for people to submit comments online.

In terms of inviting the public to submit comments on the application, the public adverts to be published following submission of the application will advise the public how to respond to the consultation, in accordance with The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended).

Hard copies of the application documents will be made available for the public to view in the following locations:

<b>Location</b>	<b>Address</b>	<b>Opening Hours</b>
East Lothian Council Headquarters	John Muir House Brewery Park Haddington EH41 3HA	Open Monday to Thursday 9am - 5pm Friday 9am - 4pm
Scottish Borders Council Council Headquarters	Newtown St. Boswells Melrose TD6 0SA	Monday to Thursday: 8am-5pm Friday 8am - 4pm Saturday 9am - 12noon
Eyemouth Library	Manse Road Eyemouth TD14 5JE	Monday: 10am – 1pm and 2pm – 5pm Thursday: 10am – 1pm Friday: 10am – 1pm and 2pm – 5pm

Once the application has been accepted by the Marine Directorate Licencing Operations Team, the application documents will be published online at: <https://www.berwickbank.com>.

Hard copies can also be made available on request. These will be subject to a charge of £200. Requests for hard copies of the application documents can be made at: [berwickbank@sse.com](mailto:berwickbank@sse.com)

**Question 24 (c) Have any consultation meetings with the public been arranged?**

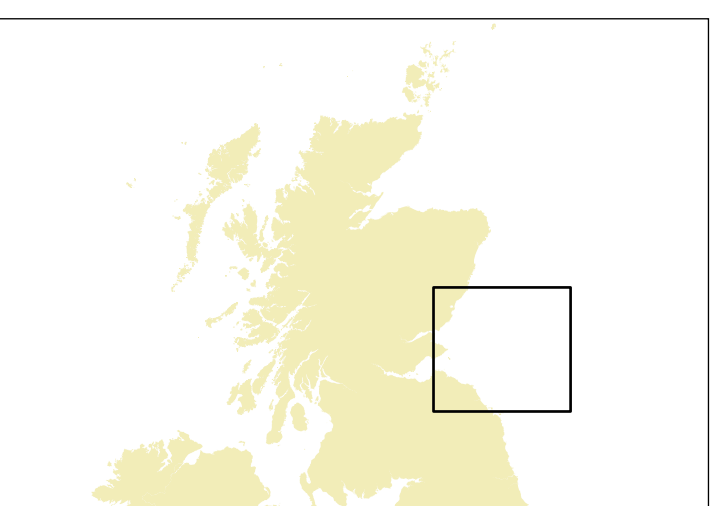
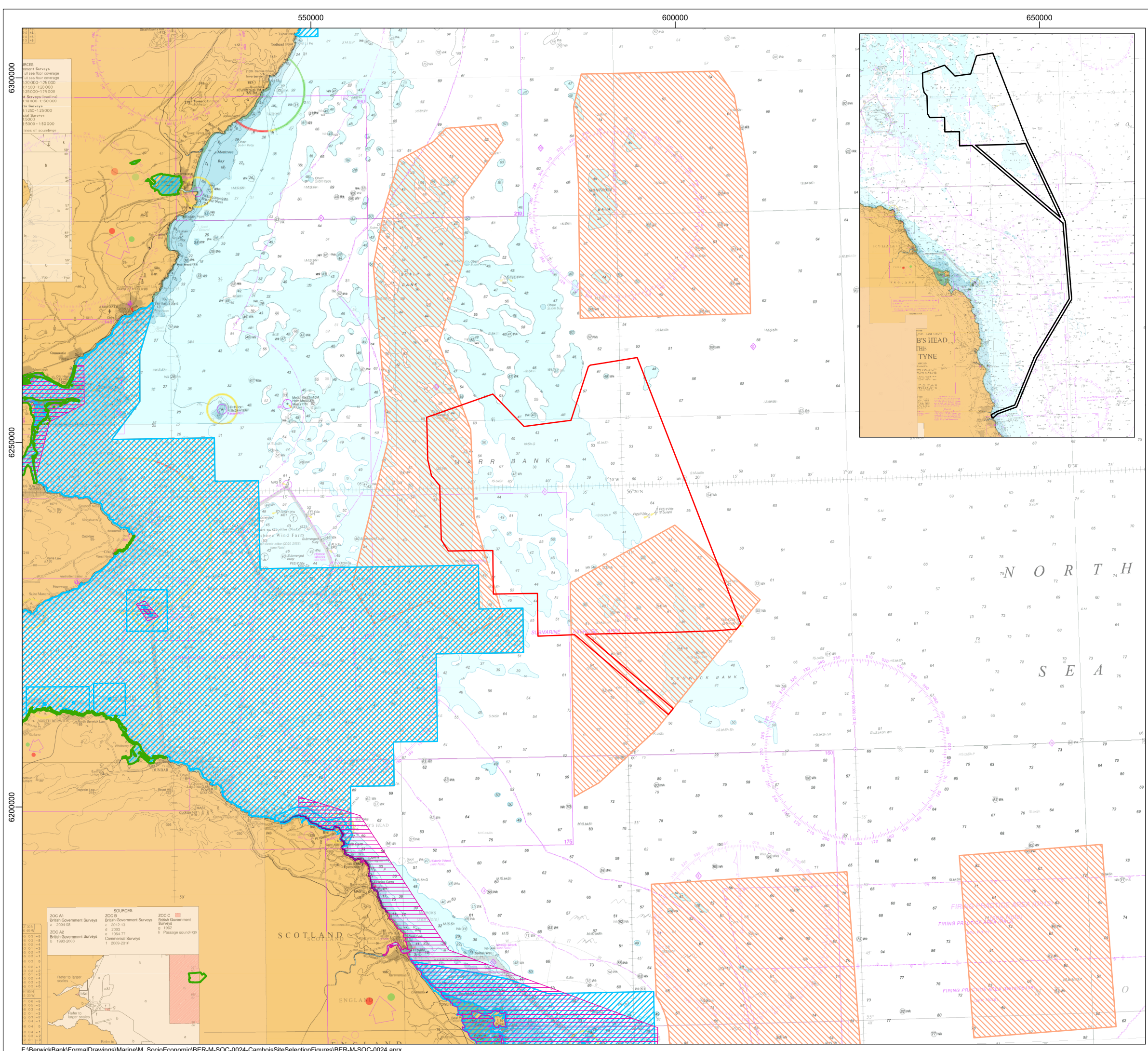
**If Yes, where and when are these to be held?**

Yes a pre-application public exhibition was held on 11<sup>th</sup> May 2023 in East Bedlington, near Blyth and Cambois, Northumberland. The focus of this exhibition was to introduce and update the public on the progress of the Cambois Connection Project (both the Marine Scheme and the Onshore Scheme). Approximately 50 attendees joined the event.

A number of pre-application public consultation meetings were also held in relation to the Berwick Bank Wind Farm application. The Cambois Connection will be connecting the Berwick Bank Wind Farm to a grid connection at Blyth, Northumberland. Information shared at the public events for the Berwick Bank Wind Farm and comments received from the public have also therefore been taken into consideration as part of this Marine Licence application.

In total BBWFL have held 13 virtual events (in accordance with Coronavirus measures in place at the relevant times), 17 in-person events including a community roadshow and two public exhibitions. In summary, 77 days of consultation over four phases has been carried out, 33,496 mail drops have been sent out, and 30 events have been run, with 1,820 attendees relating to the Berwick Bank Wind Farm application.





- Legend**
- Marine Scheme in Scottish Waters
  - Marine Scheme in Scottish and English Waters
  - Ramsar Site
  - Special Area of Conservation with Marine Components
  - Special Protection Area with Marine Components
  - Site of Special Scientific Interest with Marine Components
  - Marine Protected Area

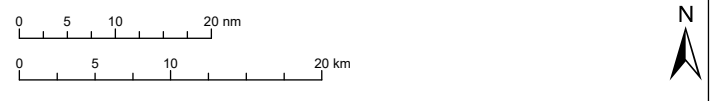
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04	-	-	-	-	-
03	-	-	-	-	-
02	-	-	-	-	-
01	28/07/2023	ISSUED FOR USE	RB	KC	KC
Rev	Date	Status	Drwn	Chkd	Appld



Project  
**CAMBOIS CONNECTION**

Title  
**CAMBOIS MARINE SCHEME  
 IN SCOTTISH WATERS  
 MARITIME LICENSE APPLICATION**



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Scale	Plot Size	Datum	Projection
1:500,000	A3	WGS84	UTM30N
Drawing Number	Sheet No.		
BK-SSE-000-ELE-LDI-0002-000	001 OF 001		

## Berwick Bank Cambois Connection Marine Scheme in Scottish Waters Marine Licence Area Coordinates

	Degrees, Minutes and Seconds		Degrees and Decimal Minutes		Decimal Degrees	
	Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
1	56° 3' 0.807328" N	1° 24' 41.885469" W	56° 3.013455' N	1° 24.698091' W	56.050224	-1.411635
2	56° 8' 59.901143" N	1° 36' 44.851652" W	56° 8.998352' N	1° 36.747528' W	56.149973	-1.612459
3	56° 8' 56.700051" N	1° 41' 36.779003" W	56° 8.945001' N	1° 41.612983' W	56.149083	-1.69355
4	56° 12' 5.808423" N	1° 41' 34.711056" W	56° 12.096807' N	1° 41.578518' W	56.201613	-1.692975
5	56° 12' 6.635053" N	1° 47' 25.194436" W	56° 12.110584' N	1° 47.419907' W	56.201843	-1.790332
6	56° 15' 19.634649" N	1° 47' 23.804461" W	56° 15.327244' N	1° 47.396741' W	56.255454	-1.789946
7	56° 15' 20.881002" N	1° 53' 18.450326" W	56° 15.348017' N	1° 53.307505' W	56.2558	-1.888458
8	56° 16' 11.112051" N	1° 54' 12.816837" W	56° 16.185201' N	1° 54.213614' W	56.269753	-1.90356
9	56° 20' 11.396334" N	1° 54' 18.672198" W	56° 20.189939' N	1° 54.311203' W	56.336499	-1.905187
10	56° 20' 55.430484" N	1° 55' 22.883849" W	56° 20.923841' N	1° 55.381397' W	56.348731	-1.923023
11	56° 22' 6.255545" N	1° 55' 50.74643" W	56° 22.104259' N	1° 55.845774' W	56.368404	-1.930763
12	56° 25' 15.2893" N	1° 55' 54.38181" W	56° 25.254822' N	1° 55.906363' W	56.420914	-1.931773
13	56° 26' 53.965835" N	1° 47' 1.944618" W	56° 26.899431' N	1° 47.03241' W	56.448324	-1.783874
14	56° 24' 27.344302" N	1° 42' 56.294281" W	56° 24.455738' N	1° 42.938238' W	56.407596	-1.715637
15	56° 24' 50.8251" N	1° 36' 39.542583" W	56° 24.847085' N	1° 36.659043' W	56.414118	-1.610984
16	56° 28' 47.193488" N	1° 34' 11.661182" W	56° 28.786558' N	1° 34.194353' W	56.479776	-1.569906
17	56° 28' 53.533651" N	1° 33' 56.24551" W	56° 28.892228' N	1° 33.937425' W	56.481537	-1.565624
18	56° 29' 22.565591" N	1° 27' 38.907721" W	56° 29.376093' N	1° 27.648462' W	56.489602	-1.460808
19	56° 9' 32.017582" N	1° 14' 40.455614" W	56° 9.533626' N	1° 14.67426' W	56.158894	-1.244571
20	56° 9' 5.555566" N	1° 15' 20.330264" W	56° 9.092593' N	1° 15.338838' W	56.151543	-1.255647
21	56° 9' 8.283355" N	1° 15' 22.480033" W	56° 9.138056' N	1° 15.374667' W	56.152301	-1.256244
22	56° 9' 3.42236" N	1° 17' 53.100913" W	56° 9.057039' N	1° 17.885015' W	56.150951	-1.298084
23	56° 9' 0.697646" N	1° 23' 36.621024" W	56° 9.011627' N	1° 23.61035' W	56.150194	-1.393506
24	56° 9' 0.813218" N	1° 35' 18.31382" W	56° 9.013554' N	1° 35.30523' W	56.150226	-1.588421
25	56° 3' 22.42621" N	1° 23' 55.501069" W	56° 3.37377' N	1° 23.925018' W	56.05623	-1.39875
26	56° 2' 56.792584" N	1° 24' 33.847825" W	56° 2.946543' N	1° 24.56413' W	56.049109	-1.409402
27	56° 3' 0.807328" N	1° 24' 41.885469" W	56° 3.013455' N	1° 24.698091' W	56.050224	-1.411635

Longitude and latitude coordinates are provided in WGS 1984 CRS (EPSG: 4326)