

FAO Ben Walker
Offshore Renewable Energy Projects
Marine Directorate Licensing Operations Team
Marine Laboratory
375 Victoria Road
Aberdeen
AB11 9DB

West of Orkney Windfarm
32 Charlotte Square
Edinburgh
EH2 4ET

Reference: WO1-WOW-CON-EN-AP-0001

20 September 2023

Application by Offshore Wind Power Limited for Consent to Construct and Operate a Generating Station, West of Orkney Windfarm

Electricity Act 1989 (as amended)

The Electricity (Applications for Consent) Regulations 1990 (as amended)

The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (as amended)

Marine and Coastal Access Act 2009

Marine (Scotland) Act 2010

The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)

The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017

Dear Mr Walker,

The Applicant, Offshore Wind Power Limited (OWPL), a joint venture between Corio Generation, TotalEnergies and Renewable Infrastructure Development Group (RIDG) are proposing the development of The West of Orkney Windfarm, herein referred to as the Project.

This application is being submitted by OWPL for:

- Consent under Section 36 of the Electricity Act 1989 (Section 36 Consent) for the construction and operation of an offshore generating station (the West of Orkney Windfarm); and
- A declaration under Section 36A of the Electricity Act 1989 extinguishing public rights of navigation only so far as they pass through the locations in the sea where the structures forming part of the West of Orkney Windfarm are to be placed.

This letter is also accompanied by applications for the following Marine Licences under Part 4 of the Marine and Coastal Access Act 2009 and Part 4 of the Marine (Scotland) Act 2010:

- Marine Licence for the Generating Station consisting of: Wind Turbines Generators (WTGs), WTG foundations, inter array cables and associated scour and cable protection.
- Marine Licence for the Offshore Transmission Infrastructure consisting of: up to five Offshore Substation Platforms (OSPs), OSP foundations, up to six interconnector cables, up to five export cables and associated scour and cable protection).

Overview of the Project

Components of the Project located seaward of Mean High-Water Spring (MHWS), are referred to as the 'offshore Project'. The offshore Project boundary encompasses the Option Agreement Area (OAA), the Export Cable Corridor (ECC) and landfall up to MHWS where the offshore cables interface with the onshore Project.

The Option Agreement Area (OAA), located in the N1 Plan Option, covers an area of 657 km² and is located approximately 28 km west of Hoy, Orkney and 23 km from the north coast of Scotland. The OAA is the subject of an Option to Lease Agreement (OLA) from Crown Estate Scotland (CES) following the ScotWind award in January 2022. The offshore Export Cable Corridor (ECC) up to MHWS covers an area of 125 km² and arrives at two landfall options in Caithness.

The generating station components (as detailed by the first Marine Licence), as well as some of the transmission infrastructure (OSPs, OSP foundations, inter-connector cables and scour and cable protection; detailed by the second Marine Licence) will all be located within the OAA. The export cable transmission infrastructure (also covered by the second Marine Licence) is located within the ECC.

The generating station infrastructure will comprise of up to 125 fixed bottom WTGs, which will be located within the OAA. The WTGs will be installed on either monopiles, piled jackets, or suction bucket jacket foundations, with inter array cabling connecting the WTGs together (and to the OSP), and scour and cable protection.

There will be up to five OSPs located within the OAA. The OSPs will be installed on either piled jackets or suction bucket jacket foundations and connected to one another via interconnector cables.

The ECC will contain up to five offshore export cables, connecting the OSPs from the OAA to the landfall location(s) on the north coast of Caithness at Greeny Geo and/or Crosskirk.

The onshore components of the West of Orkney Windfarm include landfall infrastructure consisting of: onshore underground export cables, an OWPL onshore substation station and a connection to the new Scottish Hydro-Electric Transmission plc (SHET-L) 420kV Grid Spittal 2 substation, located at or near Spittal, Caithness. A separate application for Planning Permission in Principle will be submitted to The Highland Council for the onshore components.

As detailed in OWPL's Scoping Report, OWPL are also considering an additional export cable to provide power to the proposed Flotta Hydrogen Hub. However, this application does not include connection to the Flotta Hydrogen Hub which will be subject to separate offshore and onshore applications once further development work has been undertaken. The Flotta Hydrogen Hub has been considered in the assessment of cumulative impacts for the current Offshore EIA Report.

Description of the Works – Generating Station

The West of Orkney Windfarm generating station will comprise of the following key components:

- Up to 125 wind turbines (each comprising of a tower section, nacelle, and three rotor blades).
Maximum parameters of the wind turbines:
 - Maximum rotor blade tip height of 359.52 m (measured from Lowest Astronomical Tide (LAT));
 - Maximum rotor blade diameter of 330 m;
 - Minimum rotor blade tip to sea clearance of 29.52 m (measured from LAT);
 - Maximum hub height of 194.52 m (measured from LAT);
 - Minimum WTG spacing of 944 m.
- Wind turbine foundations including monopiles, piled jackets or suction bucket jackets;
- Up to 140 inter-array cables with a total length of up to 500 km; and
- Scour protection and inter-array cable protection

Description of the Works – Offshore Transmission Infrastructure

The West of Orkney Windfarm offshore transmission infrastructure will comprise of the following key components:

- Up to five OSPs
-

- OSP foundations consisting of either piled jackets or suction bucket jackets;
- Up to five export cables with total maximum length of up to 320 km
- Scour protection and cable protection

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

An Environmental Impact assessment (EIA) has been completed for the Proposed Development in accordance with The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (as amended), The Marine Works (Environmental Impact Assessment) Regulations 2017 (as amended) and The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended). The EIA Report has been submitted as part of this consent application.

A Report to Inform an Appropriate Assessment (RIAA) has been completed based on the outcomes from the HRA Screening (assessment of likely significant effects (LSE)) in order to assist with the Appropriate Assessment to be undertaken in accordance with the Conservation (Natural Habitats, & c.) Regulations 1994, The Conservation of Habitats and Species Regulations 2017 and the Conservation of Offshore Marine Habitats and Species Regulations 2017 (collectively referred to as the "Habitats Regulations").

Derogation case

The Applicant has provided a without prejudice derogation case that contains evidence from the Applicant on the Habitats Regulations Assessment (HRA) Derogation Provisions. It demonstrates that the HRA Derogation Provisions can be satisfied if it is necessary to resort to them to authorise the offshore components of the West of Orkney Wind Farm.

The Applicant's submission is provided without prejudice to the Applicant's position that it can be concluded beyond reasonable scientific doubt that the Project would not give rise to any Adverse Effect on Integrity, either alone or in combination with other plans or projects.

Documentation enclosed

The documents submitted as part of the West of Orkney Windfarm Section 36 Consent application and associated Marine Licence applications include:

- This cover letter, comprising an application for Section 36 Consent and requesting a declaration under Section 36A.
 - A Marine Licence application and supporting information for the Generating Station.
 - A Marine Licence application and supporting information for the Offshore Transmission Infrastructure.
 - An Environmental Impact Assessment (EIA) Report:
 - Non-Technical Summary
 - Volume 1 – Introductory Chapters and Specialist Assessment Chapters
 - Volume 2 – Technical Appendices and Annexes including a Navigational Risk Assessment (NRA)
 - Volume 3 – Outline Management Plans
 - Report to Inform Appropriate Assessment (RIAA)
 - Without Prejudice Derogation Case Documents:
 - Without Prejudice Derogation Case
 - Compensation Measures Plan
 - Compensation Implementation and Monitoring Plan
 - Consent Application Accompanying Documents:
 - Offshore Planning Statement
 - Pre-Application Consultation (PAC) Report & appendices (for the Offshore and Onshore Project).
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Onshore Application

The onshore transmission infrastructure associated with the West of Orkney Windfarm shall be the subject of a separate application for Planning Permission in Principle under the Town and Country Planning (Scotland) Act 1997.

Public Notices / Advertisements

Public notices advising that OWPL has submitted applications for a Section 36 Consent and Marine Licences to Marine Directorate Licensing and Operations Team (MD-LOT) and inviting the public to submit comments on the application will be placed in the following publications on dates to be agreed with Marine Directorate's Licensing and Operations team:

- Caithness Courier
- John O'Groat Journal
- The Orcadian
- The Herald
- The Press & Journal
- Fishing News
- Lloyd's List
- Edinburgh Gazette

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), The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017, the Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 and the Electricity (Applications for Consent) Regulations 1990.

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

Location	Address	Opening Hours
Thurso Library	Davidson's Lane Thurso KW14 7AF	Monday and Wednesday - 10:00 am - 18:00 pm Tuesday and Friday - 10:00 am - 20:00 pm Thursday and Saturday - 10:00 am - 13:00 pm
Stromness Library	2 –12 Victoria Street Stromness Orkney KW16 3AA	Monday to Friday - 10am – 4pm Saturday - 12pm – 3pm
Bettyhill Hotel	A836 Bettyhill KW14 7SP	Monday – Sunday: 3:00 – 22:30 pm
The Highland Council Headquarters	Glenurquhart Road, Inverness IV3 5NX	Monday to Friday: 8:00 am – 16:00 pm
Orkney Library & Archive	44 Junction Road Kirkwall, Orkney KW15 1AG	Monday to Thursday: 10:00 am – 18:00 pm Friday to Saturday: 10:00 am to 17:00 pm
Xodus Group	8 Garson Place Stromness KW16 3EE	Monday to Friday: 9:00 am – 17:00 pm
West of Orkney Windfarm	32 Charlotte Square Edinburgh EH2 4ET	Monday to Friday: 9:00 am – 17:00 pm



Once the application has been accepted by the Marine Directorate's Licencing and Operations Team, the application documents will also be published online at www.westoforkney.com.

Hard copies can also be made available on request. These will be subject to a charge of £350 and £10 on CD/USB stick (including post and packaging). Copies of a short non-technical summary are available free of charge. Requests for hard copies of the application documents can be made at: info@westoforkney.com.

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

Yours faithfully,

Stephen Kerr
Project Director
West of Orkney Windfarm

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

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/ 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.

1. Project Title and Payment Details

Please give a brief identifiable description, including the location, of the project.

Payment: Enclosed payment BACS **OR** Invoice

2. Applicant Details

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code)

Fax No.
(inc. dialing code)

Company Registration No.

Email

3. Agent Details (if any)

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code)

Fax No.
(inc. dialing code)

Company Registration No.

Email

4. Duration of Project

Start date

Expected completion date

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 ³ /tonnes
Plastic/Synthetic		m ²
Concrete		m ³
Silt		m ³
Sand		m ³
Stone/Rock/Gravel		Size range (mm) Total m ³
Concrete bags/mattresses		No. Dimensions Total m ³
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.

--

16. Details of Areas to be Dredged/Drilled

Dredge/Drill Areas	Name of Area to be Dredged/Drilled	Co-ordinates	Nature of Dredged/Drilled Area
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:

Dredge/Drill Areas	Estimated Specific Gravity	Physical Composition of Material	Depth of Material to be Removed (metres)	Quantity to be Dredged/Drilled per Year (either in-situ m³ or metric tonnes)
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)



WEST OF ORKNEY WINDFARM

Generating Station Marine Licence Supporting Document

OWPL Document Number	Originator Document Number	Revision	Status	Date
WO1-WOW-CON-EV-RP-0008	OWPL	01	IFU	13/09/2023

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West of Orkney Windfarm: Generating Station Supporting Information

The offshore Project will comprise of WTGs and all infrastructure required to transmit the power generated by the WTGs to shore. The key offshore components of the offshore Project will include:

- Up to 125 WTGs with fixed-bottom foundations (monopile, piled jacket or suction bucket jacket);
- Up to five High Voltage Alternating Current (HVAC) OSPs;
- Up to 500 km of inter-array cables;
- Up to 150 km of interconnector cables; and
- Up to five offshore export cables to landfalls at Greeny Geo and/or Crosskirk at Caithness, with a total length of up to 320 km (up to 64 km per offshore export cable).

The offshore Project area of the West of Orkney Windfarm consists of the Option Agreement Area (OAA) and the Export Cable Corridor (ECC) and includes all offshore components seaward of Mean High Water Springs (MHWS). The generating station (which is subject to Section 36 consent) comprises of the Wind Turbine Generators (WTGs), WTG foundations and inter-array cables and is located within the OAA. The transmission infrastructure includes the Offshore Substation Platforms (OSPs), interconnector cables, and export cables and is located within the OAA and ECC.

The generating station is the subject of this Marine Licence application.

The onshore Project, which is defined by the Red Line Boundary for the planning application, includes all onshore components landward of mean low water springs (MLWS) which encompasses: landfall, onshore underground export cables, substation, access, and other associated infrastructure.

The onshore components are subject to a separate application for Planning Permission in Principle, which will be submitted to The Highland Council (THC) in October 2023.

5. Description and Cost of Proposed Project

5 (b) Give a detailed description of the Proposed Schedule of Work

An overview of the indicative construction programme is provided below. A more detailed version of the construction schedule is included within chapter 5: Project Description, Offshore EIA Report. Further detail on the timing and sequence of activities are included in the Offshore EIA Report topic specific chapters.

The key Project milestones are likely to be:

- Commencement of onshore construction – 2027;
- Commencement of offshore construction – 2028; and
- First power, earliest date is 2029.

It is anticipated that the construction of the offshore Project will take up to four years (subject to change), with an additional one year of pre-construction works. Pre-construction works are expected to include Project specific surveys, site investigations and site preparation works.

It is anticipated that construction will only occur up to nine months a year. Weather conditions during the winter months, particularly November to January, are unlikely to be suitable for offshore construction. Therefore, construction will occur over multiple seasons across the four years (inclusive of seabed preparation works) to avoid adverse weather conditions, and first power may occur ahead of the construction stage being complete. The construction activities that could commence in the first 12 months are listed below on an indicative basis only and are dependent on a number of factors including contractor and vessel selection and/or availability, weather conditions and ground conditions.

The general series of activities is as follows:

- Project-specific surveys and site-investigations;
- Site and seabed preparation;

- OSP installation; and
- Offshore export landfall and offshore installation; Inter-array and interconnector cable installation.

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

Coordinates of the OAA within which the generating station components which will be located, are listed below in Table 1. The OAA is illustrated in Figure 1.

Table 1 - Coordinates of the OAA

Point number	WGS84 UTM 30 N		WGS84 DDM	
	Easting	Northing	Latitude	Longitude
1	413285	6516848	58° 46.974' N	004° 3.000' W
2	413357	6520090	58° 48.721' N	004° 30.000' W
3	421165	6525736	58° 51.852' N	004° 22.011' W
4	424017	6538364	58° 58.685' N	004° 19.305' W
5	420217	6544775	59° 2.098' N	004° 23.409' W
6	427505	6550431	59° 5.222' N	004° 15.904' W
7	436964	6543304	59° 1.473' N	004° 5.880' W
8	447049	6535760	58° 57.491' N	003° 55.234' W
9	447641	6527484	58° 53.036' N	003° 54.499' W
10	440237	6522720	58° 50.412' N	004° 2.127' W
11	430742	6516647	58° 47.054' N	004° 11.883' W

8. Permanent (and Temporary) Deposits

8 (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	P	2,500,000 tonnes
Timber		
Plastic / Synthetic	P	20,000 tonnes
Concrete	P	190,000 m ³
Silt		
Sand		
Stone / Rock / Gravel	P	6,330,000 m ³

Type of Deposit	Nature of Deposit (P = Permanent; T= Temporary)	Deposit Quantity
Concrete bags / Mattresses	P	4,000,000 m ³
Cable	P	500,000 m
Other*		

*Other: 2,825 tonnes Copper
2,825 tonnes aluminium

8 (b) Method of delivery of material

All of the listed materials required for the offshore Project (below MHWS) are to be brought to the offshore Project location by sea.

Further details on the anticipated vessel requirements for the construction phase are provided in the Offshore EIA Report, chapter 5: Project description.

An Outline Navigation Safety and Vessel Management Plan and an Outline Aids to Navigation Management Plan have been prepared and have been submitted alongside the Offshore EIA Report.

24. Advertising and Consultation

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

The West of Orkney Windfarm has completed extensive public consultation on the proposals during the pre-application stage of the Project over five key phases, as follows:

Phase 1: Virtual public exhibition introducing the West of Orkney Windfarm launched 21st March 2022 with two live question and answer webinars on 29th March 2022. The virtual exhibition has remained live throughout the pre-application consultation period and has regularly been updated with new content, as appropriate.

Phase 2: Mobile public exhibition at five summer/ autumn events in Durness (28th July 2022), Halkirk (29th July 2022), Dounby (11th August 2022), Kirkwall (13th August 2022) and Stromness (3rd September 2022)

Phase 3: Public consultation drop-in events at seven local venues in Caithness, Sutherland and Orkney (22nd to 30th November 2022)

Phase 4: Formal pre-application consultation (PAC) events at seven venues in Caithness, Sutherland and Orkney (16th to 25th May 2023)

Phase 5: Formal PAC events (onshore proposal only) at two venues in Caithness (20th to 21st June 2023)

The events have been advertised and promoted through a variety of channels including press releases, posters in local businesses and public buildings, adverts in event programmes, social media and by community leaders. In addition, leaflets inviting people to the events held during phases 3, 4 and 5 were sent to all local residents in the consultation zone. The leaflets also advised local residents on how to get more information and/ or make comments. The events in phases 1, 3, 4 and 5 were advertised in the following local publications:

- The Caithness Courier
- John O'Groats Journal
- The Orcadian

The materials used at each of the events was also replicated in the virtual exhibition and key documents were made available on the Project website (www.westoforkney.com). A dedicated email address, phone number and Freepost

address were set-up for members of the public to get in touch to make comments and/ or obtain further information including hard copies of materials, one-to-one consultation meetings or advice on our next consultation activities.

Full details of the public consultation can be found in the PAC report submitted with this application.

Following validation of the Section 36 Consent and associated Marine Licence applications for the offshore proposals, an advert inviting the public to submit their comments on the application will be placed in the following publications:

- The Herald;
- The Caithness Courier;
- John O’Groat Journal;
- The Orcadian;
- The Press and Journal;
- Edinburgh Gazette;
- Fishing News; and
- Lloyds List.

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. Members of the public could submit comments via the Community Questionnaire which was made available at all in-person events and online. Access to the questionnaire was provided via a scannable QR code and made available on the Project website and the virtual exhibition. In addition, posters inviting feedback (via the QR code or the website) were posted in local businesses and public buildings in Orkney, Sutherland and Caithness.

The public were also invited to submit comments or request a hard copy of the questionnaire via the dedicated email address, phone number and freepost address. These channels were also featured on the posters. Visitors to the events were invited to take hard copies away for friends and family who could then submit their completed questionnaires via the freepost address.

Information about how to make comments on the proposals was included on the leaflets sent out to local residents and on the press adverts. A closing date for submitting comments of 30th June 2023 was set prior to the offshore PAC event in May 2023 and advertised on the associated leaflets and adverts.

In terms of inviting the public to submit comments on the application, the public adverts published following submission of the application will advise the public on how and when to respond to the consultation, in line with provisions of The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended), The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017, the Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 and the Electricity (Applications for Consent) Regulations 1990.

These adverts will run for two consecutive weeks in the publications listed in response to question 24(a), following agreement with Marine Directorate.

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

Location	Address	Opening Hours
Thurso Library	Davidson's Lane Thurso KW14 7AF	Monday and Wednesday -10am - 6pm Tuesday and Friday -10am - 8pm Thursday and Saturday -10am - 1pm Friday - 10am – 8pm

Location	Address	Opening Hours
Bettyhill Hotel	A836 Bettyhill KW14 7SP	Monday to Sunday -3pm – 10.30pm
The Highland Council Headquarters	Glenurquhart Road Inverness IV3 5NX	Monday to Friday -8am – 4pm
The Stromness Library	2 –12 Victoria Street Stromness Orkney KW16 3AA	Monday to Friday -10am – 4pm Saturday -12pm – 3pm
Orkney Library and Archive	44 Junction Road Kirkwall Orkney KW15 1AG	Monday to Thursday -10am – 6pm Friday to Saturday -10am to 5pm
Xodus Group	8 Garson Place Stromness KW16 3EE	Monday to Friday -9am – 5pm
West of Orkney Windfarm	32 Charlotte Square Edinburgh EH2 4ET	Monday to Friday -9am – 5pm

An electronic copy of the application will also be made available at the following location:

Location	Website URL
West of Orkney Project website.	https://www.westoforkney.com/

24 (c) Have any consultation meetings with the public been arranged? If Yes, where and when are these to be held?

Yes, many public consultation meetings have been held since the consultation was launched in March 2022. Please see the PAC Report for details. Further events are proposed to be held following submission and registration of the application. These are expected to include additional meetings of the Caithness, Sutherland and Orkney Community Panels as well as community events and exhibitions. It is anticipated that the Community Panels will advise on the ongoing consultation programme based on the needs of each local community. Details of the Community Panels can be found in the PAC report.

During the pre-application consultation period, a total of 29 public events were held which were advertised through 61,864 postal leaflets and attended by 1,551 attendees. In addition, 530 community questionnaires were completed and 10 phone calls and 60 emails were received via the dedicated channels.

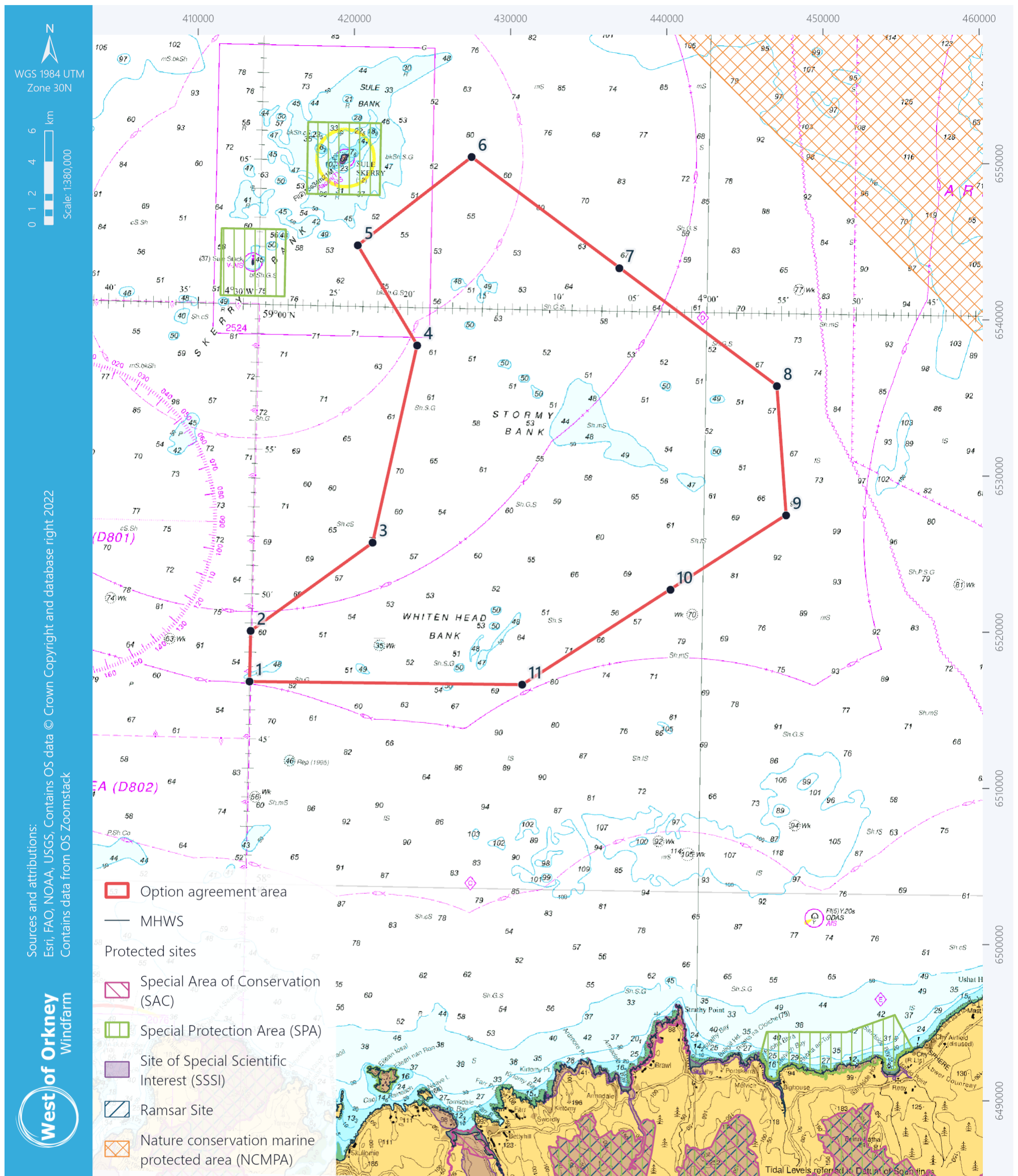


Figure 1 - Option Agreement Area of the West of Orkney Windfarm



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

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/ 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.

1. Project Title and Payment Details

Please give a brief identifiable description, including the location, of the project.

Payment: Enclosed payment BACS **OR** Invoice

2. Applicant Details

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.

Fax No.
(inc. dialing code)

Company Registration No.

Email

3. Agent Details (if any)

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code)

Fax No.
(inc. dialing code)

Company Registration No.

Email

4. Duration of Project

Start date

Expected completion date

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

--

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 ³ /tonnes
Plastic/Synthetic		m ²
Concrete		m ³
Silt		m ³
Sand		m ³
Stone/Rock/Gravel		Size range (mm) Total m ³
Concrete bags/mattresses		No. Dimensions Total m ³
Cable		Length (m)

Other (please describe below):

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

--

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

9. Dredging/Drilling Contractor/Producer Details

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code) Fax No.
(inc. dialing code)

Company Registration No. Email

10. Holder

If the Holder is also the Applicant (shown at 2) tick the box and go to section 11

If the Holder is also the Producer (shown at 9) of the material tick the box and go to section 11

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code) Fax No.
(inc. dialing code)

Company Registration No. Email

11. Agent

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

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.

--

16. Details of Areas to be Dredged/Drilled

Dredge/Drill Areas	Name of Area to be Dredged/Drilled	Co-ordinates	Nature of Dredged/Drilled Area
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:

Dredge/Drill Areas	Estimated Specific Gravity	Physical Composition of Material	Depth of Material to be Removed (metres)	Quantity to be Dredged/Drilled per Year (either in-situ m³ or metric tonnes)
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)



WEST OF ORKNEY WINDFARM

Offshore Transmission Infrastructure Marine Licence Supporting Document

OWPL Document Number	Originator Document Number	Revision	Status	Date
WO1-WOW-CON-EV-RP-0009	OWPL	01	IFU	13/09/2023

Important Notice and Disclaimer: This document and any information therein are confidential property of West of Orkney Windfarm and without infringement neither the whole nor any extract may be disclosed, loaned, copied or used for manufacturing, provision of services or other purposes whatsoever without prior written consent of West of Orkney Windfarm, and no liability is accepted for loss or damage from any cause whatsoever from the use of the document. West of Orkney Windfarm retains the right to alter the document at any time unless a written statement to the contrary has been appended.



West of Orkney Windfarm: Transmission Infrastructure Supporting Information

The offshore Project will comprise of WTGs and all infrastructure required to transmit the power generated by the WTGs to shore. The key offshore components of the offshore Project will include:

- Up to 125 WTGs with fixed-bottom foundations (monopile, piled jacket or suction bucket jacket);
- Up to five High Voltage Alternating Current (HVAC) OSPs;
- Up to 500 km of inter-array cables;
- Up to 150 km of interconnector cables; and
- Up to five offshore export cables to landfalls at Greeny Geo and/or Crosskirk at Caithness, with a total length of up to 320 km (up to 64 km per offshore export cable).

The offshore Project area of the West of Orkney Windfarm consists of the Option Agreement Area (OAA) and the offshore Export Cable Corridor (ECC) and includes all offshore components seaward of mean high water springs (MHWS). The generating station (which is subject to Section 36 consent) comprises of the Wind Turbine Generators (WTGs), WTG foundations and inter-array cables which are located within the OAA. The transmission infrastructure includes the offshore substation platforms (OSPs), interconnector cables, and export cables and is located within the OAA and ECC.

The transmission infrastructure is the subject of this Marine Licence application.

The onshore Project, which is defined by the Red Line Boundary for the planning application, includes all onshore components landward of mean low water springs (MLWS) which encompasses: landfall, onshore underground export cables, substation, access, and other associated infrastructure.

The onshore components are subject to a separate application for Planning Permission in Principle, which will be submitted to The Highland Council (THC) in October 2023.

5. Description and Cost of Proposed Project

5 (b) Give a detailed description of the Proposed Schedule of Work

An overview of the indicative construction programme is provided below. A more detailed version of the construction schedule is included within chapter 5: Project Description, Offshore EIA Report. Further detail on the timing and sequence of activities are included in the Offshore EIA Report topic specific chapters.

The key Project milestones are likely to be:

- Commencement of onshore construction – 2027;
- Commencement of offshore construction – 2028; and
- First power, earliest date is 2029.

It is anticipated that the construction of the offshore Project will take up to four years (subject to change), with an additional one year of pre-construction works. Pre-construction works are expected to include Project specific surveys, site investigations and site preparation works.

It is anticipated that construction will only occur up to nine months a year. Weather conditions during the winter months, particularly November to January, are unlikely to be suitable for offshore construction. Therefore, construction will occur over multiple seasons across the four years (inclusive of seabed preparation works) to avoid adverse weather conditions, and first power may occur ahead of the construction stage being complete. The construction activities that could commence in the first 12 months are listed below on an indicative basis only and are dependent on a number of factors including contractor and vessel selection and/or availability, weather conditions and ground conditions.

The general series of activities is as follows:

- Project-specific surveys and site-investigations;
- Site and seabed preparation;

- OSP installation; and
- Offshore export landfall and offshore installation; Inter-array and interconnector cable installation.

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

Coordinates of the OAA and ECC within which the transmission infrastructure will be located are listed below in Table 1 . The OAA and ECC are illustrated below in Figure 1.

Table 1 - Coordinates of the OAA and ECC

Point number	WGS84 UTM 30 N		WGS84 DDM	
	Easting	Northing	Latitude	Longitude
1	413285	6516848	58° 46.974' N	004° 30.000' W
2	413357	6520090	58° 48.721' N	004° 30.000' W
3	421165	6525736	58° 51.852' N	004° 22.011' W
4	424017	6538364	58° 58.685' N	004° 19.305' W
5	420217	6544775	59° 2.098' N	004° 23.409' W
6	427505	6550431	59° 5.222' N	004° 15.904' W
7	436964	6543304	59° 1.473' N	004° 5.880' W
8	447049	6535760	58° 57.491' N	003° 55.234' W
9	447641	6527484	58° 53.036' N	003° 54.499' W
10	447552	6527427	58° 53.005' N	003° 54.591' W
11	448016	6526750	58° 52.643' N	003° 54.098' W
12	453646	6514172	58° 45.905' N	003° 48.083' W
13	453764	6513805	58° 45.708' N	003° 47.957' W
14	454584	6507362	58° 42.242' N	003° 47.027' W
15	458038	6503424	58° 40.141' N	003° 43.408' W
16	461157	6498104	58° 37.292' N	003° 40.126' W
17	461269	6497907	58° 37.186' N	003° 40.009' W
18	461333	6497732	58° 37.092' N	003° 39.941' W
19	461122	6497534	58° 36.984' N	003° 40.157' W
20	460902	6497118	58° 36.759' N	003° 40.380' W
21	460901	6496433	58° 36.390' N	003° 40.373' W
22	460642	6496732	58° 36.550' N	003° 40.644' W
23	460119	6496507	58° 36.426' N	003° 41.181' W
24	459760	6496681	58° 36.518' N	003° 41.555' W
25	459210	6497471	58° 36.940' N	003° 42.130' W
26	459434	6496254	58° 36.285' N	003° 41.886' W
27	458696	6495665	58° 35.964' N	003° 42.641' W

Point number	WGS84 UTM 30 N		WGS84 DDM	
	Easting	Northing	Latitude	Longitude
28	457732	6495043	58° 35.623' N	003° 43.630' W
29	457590	6495303	58° 35.762' N	003° 43.779' W
30	457546	6495465	58° 35.850' N	003° 43.827' W
31	456286	6502312	58° 39.531' N	003° 45.207' W
32	435840	6517244	58° 47.424' N	004° 6.602' W
33	432553	6517804	58° 47.695' N	004° 10.024' W
34	430742	6516647	58° 47.054' N	004° 11.883' W
35	452545	6507545	58° 42.327' N	003° 49.141' W
36	436589	6519127	58° 48.445' N	004° 5.857' W
37	435062	6519405	58° 48.581' N	004° 7.448' W
38	440237	6522720	58° 50.412' N	004° 2.127' W
39	445869	6526344	58° 52.409' N	003° 56.326' W
40	446264	6525775	58° 52.106' N	003° 55.907' W
41	451798	6513406	58° 45.480' N	003° 49.990' W

8. Permanent (and Temporary) Deposits

1. 8 (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	P	90,000 tonnes
Timber		
Plastic / Synthetic		
Concrete	P	100,000 m ³
Silt		
Sand		
Stone / Rock / Gravel	P	6,698,500 m ³
Concrete bags / Mattresses	P	4,000,000 m ³
Cable	P	470,000 m
Other*		

2. 8 (b) Method of delivery of material

All of the listed materials required for the offshore Project (below MHWS) are to be brought to the offshore Project location by sea.

Further details on the anticipated vessel requirements for the construction phase are provided in the Offshore EIA Report, chapter 5: Project description.

An Outline Navigation Safety and Vessel Management Plan and an Outline Aids to Navigation Management Plan have been prepared and have been submitted alongside the Offshore EIA Report.

24. Advertising and Consultation

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

The West of Orkney Windfarm has completed extensive public consultation on the proposals during the pre-application stage of the Project over five key phases, as follows:

Phase 1: Virtual public exhibition introducing the West of Orkney Windfarm launched 21st March 2022 with two live question and answer webinars on 29th March 2022. The virtual exhibition has remained live throughout the pre-application consultation period and has regularly been updated with new content, as appropriate.

Phase 2: Mobile public exhibition at five summer/ autumn events in Durness (28th July 2022), Halkirk (29th July 2022), Dounby (11th August 2022), Kirkwall (13th August 2022) and Stromness (3rd September 2022)

Phase 3: Public consultation drop-in events at seven local venues in Caithness, Sutherland and Orkney (22nd to 30th November 2022)

Phase 4: Formal pre-application consultation (PAC) events at seven venues in Caithness, Sutherland and Orkney (16th to 25th May 2023)

Phase 5: Formal PAC events (onshore proposal only) at two venues in Caithness (20th to 21st June 2023)

The events have been advertised and promoted through a variety of channels including press releases, posters in local businesses and public buildings, adverts in event programmes, social media and by community leaders. In addition, leaflets inviting people to the events held during phases 3, 4 and 5 were sent to all local residents in the consultation zone. The leaflets also advised local residents on how to get more information and/ or make comments. The events in phases 1, 3, 4 and 5 were advertised in the following local publications:

- The Caithness Courier
- John O'Groats Journal
- The Orcadian

The materials used at each of the events was also replicated in the virtual exhibition and key documents were made available on the Project website (www.westoforkney.com). A dedicated email address, phone number and Freepost address were set-up for members of the public to get in touch to make comments and/ or obtain further information including hard copies of materials, one-to-one consultation meetings or advice on our next consultation activities.

Full details of the public consultation can be found in the PAC report submitted with this application.

Following validation of the Section 36 Consent and associated Marine Licence applications for the offshore proposals, an advert inviting the public to submit their comments on the application will be placed in the following publications:

- The Herald;
- The Caithness Courier;
- John O'Groat Journal;
- The Orcadian;
- The Press and Journal;

- Edinburgh Gazette;
- Fishing News; and
- Lloyds List.

3. 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. Members of the public could submit comments via the Community Questionnaire which was made available at all in-person events and online. Access to the questionnaire was provided via a scannable QR code and made available on the Project website and the virtual exhibition. In addition, posters inviting feedback (via the QR code or the website) were posted in local businesses and public buildings in Orkney, Sutherland and Caithness.

The public were also invited to submit comments or request a hard copy of the questionnaire via the dedicated email address, phone number and freepost address. These channels were also featured on the posters. Visitors to the events were invited to take hard copies away for friends and family who could then submit their completed questionnaires via the freepost address.

Information about how to make comments on the proposals was included on the leaflets sent out to local residents and on the press adverts. A closing date for submitting comments of 30th June 2023 was set prior to the offshore PAC event in May 2023 and advertised on the associated leaflets and adverts.

In terms of inviting the public to submit comments on the application, the public adverts published following submission of the application will advise the public on how and when to respond to the consultation, in line with provisions of The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended), The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017, the Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 and the Electricity (Applications for Consent) Regulations 1990.

These adverts will run for two consecutive weeks in the publications listed in response to question 24(a), following agreement with Marine Directorate..

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

Location	Address	Opening Hours
Thurso Library	Davidson's Lane Thurso KW14 7AF	Monday and Wednesday -10am - 6pm Tuesday and Friday -10am - 8pm Thursday and Saturday -10am - 1pm Friday - 10am – 8pm
Bettyhill Hotel	A836 Bettyhill KW14 7SP	Monday to Sunday -3pm – 10.30pm
The Highland Council Headquarters	Glenurquhart Road Inverness IV3 5NX	Monday to Friday -8am – 4pm
The Stromness Library	2 –12 Victoria Street Stromness Orkney KW16 3AA	Monday to Friday -10am – 4pm Saturday -12pm – 3pm

Location	Address	Opening Hours
Orkney Library and Archive	44 Junction Road Kirkwall Orkney KW15 1AG	Monday to Thursday -10am – 6pm Friday to Saturday -10am to 5pm
Xodus Group	8 Garson Place Stromness KW16 3EE	Monday to Friday -9am – 5pm
West of Orkney Windfarm	32 Charlotte Square Edinburgh EH2 4ET	Monday to Friday -9am – 5pm

An electronic copy of the application will also be made available at the following location:

Location	Website URL
West of Orkney Project website.	https://www.westoforkney.com/

4. 24 (c) Have any consultation meetings with the public been arranged? If Yes, where and when are these to be held?

Yes, many public consultation meetings have been held since the consultation was launched in March 2022. Please see the PAC Report for details. Further events are proposed to be held following submission and registration of the application. These are expected to include additional meetings of the Caithness, Sutherland and Orkney Community Panels as well as community events and exhibitions. It is anticipated that the Community Panels will advise on the ongoing consultation programme based on the needs of each local community. Details of the Community Panels can be found in the PAC report.

During the pre-application consultation period, a total of 29 public events were held which were advertised through 61,864 postal leaflets and attended by 1,551 attendees. In addition, 530 community questionnaires were completed and 10 phone calls and 60 emails were received via the dedicated channels.

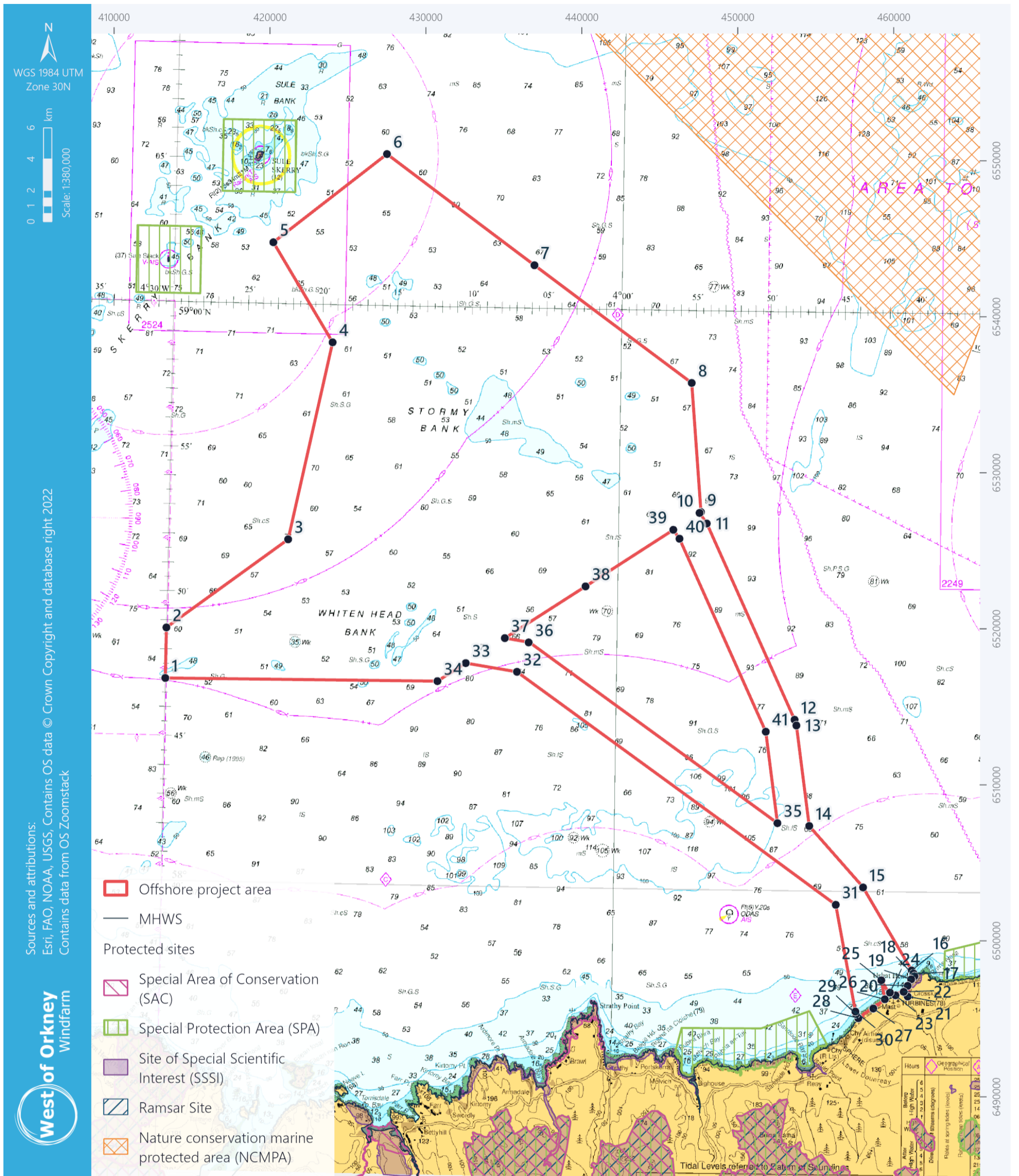


Figure 1 - OAA and ECC of the West of Orkney Windfarm

