MUIR MHÒR
OFFSHORE WIND FARM

A joint venture between Fred. Olsen Seawind & Vattenfall

Generating Station Marine Licence Application Form

marinescotland

The Scottish Government

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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.

Marine Laboratory, PO Box 101, 375 Victoria Road,
Aberdeen AB11 9DB
www.scotland.gov.uk/marinescotland

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. 5555.55'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 trans-shipment 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 2°22.22'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.

Muir Mhòr Offshore Wind Farm located 63km off the coast of Peterhead.

Payment: Enclosed payment ☐ BACS ☐ OR Invoice ■

2. Applicant Details

Title Ms Initials ML Surname Lovatt

Trading Title (if appropriate) Muir Mhòr Offshore Wind Farm Limited

Address 20 bath Street, Glasgow, G2 2EN

Name of contact (if different) Giulia Agnisola

Position within Company (if appropriate) Offshore Consents Manager

Telephone No. (inc. dialing code)

Fax No. (inc. dialing code)

Company Registration No. SC717262

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 2029

Expected completion date 2067

5. Description and Cost of the Proposed Project

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

[Redacted]

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

Please refer to the annex to this document for the proposed schedule of work.

(c) Types of Work Proposed

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

Offshore wind farm including: wind turbines, floating foundations, inter-array cables, cables/scour protection

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

Pre-construction geophysical and geotechnical surveys

Moorings (e.g. private, commercial):

Moorings required for floating foundations, and moorings potentially required for construction activities.

Dredging/Drilling Operations

Potential requirement for drilling for WTG anchors.

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.

Please refer to the annex to this document for the Offshore wind farm location map and coordinates grid.

7. Method Statement

The Muir Mhor Offshore Wind Farm will comprise of up to 67 wind turbines, associated floating foundations (including mooring lines and anchors), inter-array cables and cable and scour protection where required. For further detail please refer to the offshore EIA Report (EIAR), Volume 1, Chapter 3, Project Description.

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	Please refer to annex.	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)

Please refer to the annex to this document for details.

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) Offshore Consents Manager

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) Offshore Consents Manager

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 **V**essel and **O**pera**t**o**r**	**Typ**e of **V**essel
(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 m^3 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) Applied for	Not Applied for	Reference No.	Date of Issue of Consent
1. Local Planning Authority (LPA) (e.g. Town and Country Planning Act)		✔		
Name and address of LPA for Location of proposed works:	An application under the Town and Country Planning (Scotland) Act 1997 as amended will be submitted to Aberdeenshire Council.			
2. Land Owner e.g. The Crown Estate	✔		Option Agreement for Lease	Awaiting
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?

No

24. Advertising and Consultation

Have these proposals been advertised to the public? YES ☒ NO ☐
If **YES**, how and where?

See annexed information. Public notices will be placed in the following publications for two consecutive weeks: the Edinburgh Gazette, the Buchan Observer, the Ellon Times, the Fraserburgh Ellon Times, the Scotsman, Press & Journal and Fishing News.

Have the public been invited to submit comments? YES ☒ NO ☐
If **YES**, to whom and by what closing date?

Following the acceptance of the application, the Public Notices will be published as per above response, and will advise the public that they have 42 days from the date of publication of the first notice and 30 days from the date of publication of the last notices, as agreed with MD-LOT, to submit comments on the proposal.

Have any consultation meetings with the public been arranged? YES ☒ NO ☐
If **YES**, where and when are these to be held?

Please refer to the EIAR, Volume 1, Chapter 5, Consultation.

25. Consultation with Conservation Bodies

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

Conservation bodies have been consulted throughout the development of the Project via working groups and bilateral meetings. Please refer to EIAR Volume 1 ,Chapter 5, Consultation and Volume 3, Appendix 20.1 Pre-application Consultation. Topic specific chapters also include consultation tables with specific detail of engagement with conservatory bodies.

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)	Turbot Bank MPA 0.03

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)	See above

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:

Following acceptance of the application, copies of the EIAR and associated documents will be available at: Aberdeen Central Library, Fraserburgh Library, Mintlaw Library and Peterhead Library. The EIAR will also be available on the Muir Mhor website (www.muirmhor.co.uk).

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	22/11/2024

Name in BLOCK LETTERS	MARTHA LOVATT
Position within company (if appropriate)	Senior Development and Consents Manager

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)	

MUIR MHOR OFFSHORE WIND FARM

ANNEX TO GENERATION STATION MARINE LICENCE APPLICATION

Response to Question 4

Construction is expected to commence in 2029, with a 4-year construction phase running until 2032. The operational lifetime of the project is 35 years; therefore, the expected Project completion date is 2067 (noting that this does not include the decommissioning phase).

Response to Question 5(b)

An indicative outline of the offshore construction phase programme for the works is provided in Environmental Impact Assessment (EIA) Report Volume 1, Chapter 3 Project Description, Section 3.6. In addition, specific durations and sequencing of work activities is provided in relevant worst-case design scenario tables within each technical chapter of the EIA Report.

It is expected that all construction activities may commence within the first 12 months, with the potential for all activities to continue beyond 12 months in duration, albeit likely on a phased rather than continuous basis.

Response to Question 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	1,900,000 tonnes
Timber	N/A	N/A
Plastic/Synthetic	P	200,000 tonnes
Concrete	P	6,500,000 tonnes
Silt	N/A	N/A
Sand	P	80,000 m^3
Stone/Rock/Gravel	P	1,652,000 m^3
Concrete bags/mattresses	P	170,000 m^3
Cable	P	250 km

Confidentiality: C2 - Internal

Response to Question 8(b)

The method of delivery to the site for the permanent deposit materials outlined in Question 8(a) is by sea. The EIA Report Volume 1, Chapter 3 Project Description, Section 3.6 provides details on the vessels (maximum number and type) required for both the offshore construction phase and the operational phase of the Project. Further details on vessel delivery routes will be provided in the Navigational Safety and Vessel Management Plan (NSVMP), which will be prepared post-consent for approval prior to commencing construction.

Response to Question 22

A separate submission for a Marine Licence for the Offshore Transmission Infrastructure has been submitted. Separate consents that might be needed will be applied for in due course.

Response to Question 24

Following acceptance of the application from MD-LOT, hard copies of the application and associated Environmental Statement will be made available for inspection at the following locations:

Location	Address	Opening hours
Aberdeen Central Library	Rosemount Viaduct Aberdeen AB25 1GW	Monday and Wednesday: 9am – 8pm Tuesday, Thursday, and Friday: 9am – 5pm Saturday: 9am – 5pm Sunday: Closed
Fraserburgh Library	King Edward Street Fraserburgh AB43 9PN	Tuesday and Thursday: 9am – 6pm Friday: 9am – 5pm Saturday: 10am – 2pm Monday and Sunday: Closed
Mintlaw Library	MACBI Community Hub Newlands Road Mintlaw AB42 5GP	Tuesday: 9.30am – 4.30pm Wednesday: 11.30am – 7pm Friday: 9.30am – 4.30pm (unstaffed 12.30pm –1pm)

Confidentiality: C2 - Internal

		Saturday: 9.30am –12.30pm Monday, Thursday, and Sunday: Closed
Peterhead Library	51 St Peter Street Peterhead AB42 1QD	Tuesday: 9am – 6pm Thursday: 9am – 6pm Friday: 9am – 5pm Saturday: 10am – 2pm Monday, Wednesday, and Sunday: Closed

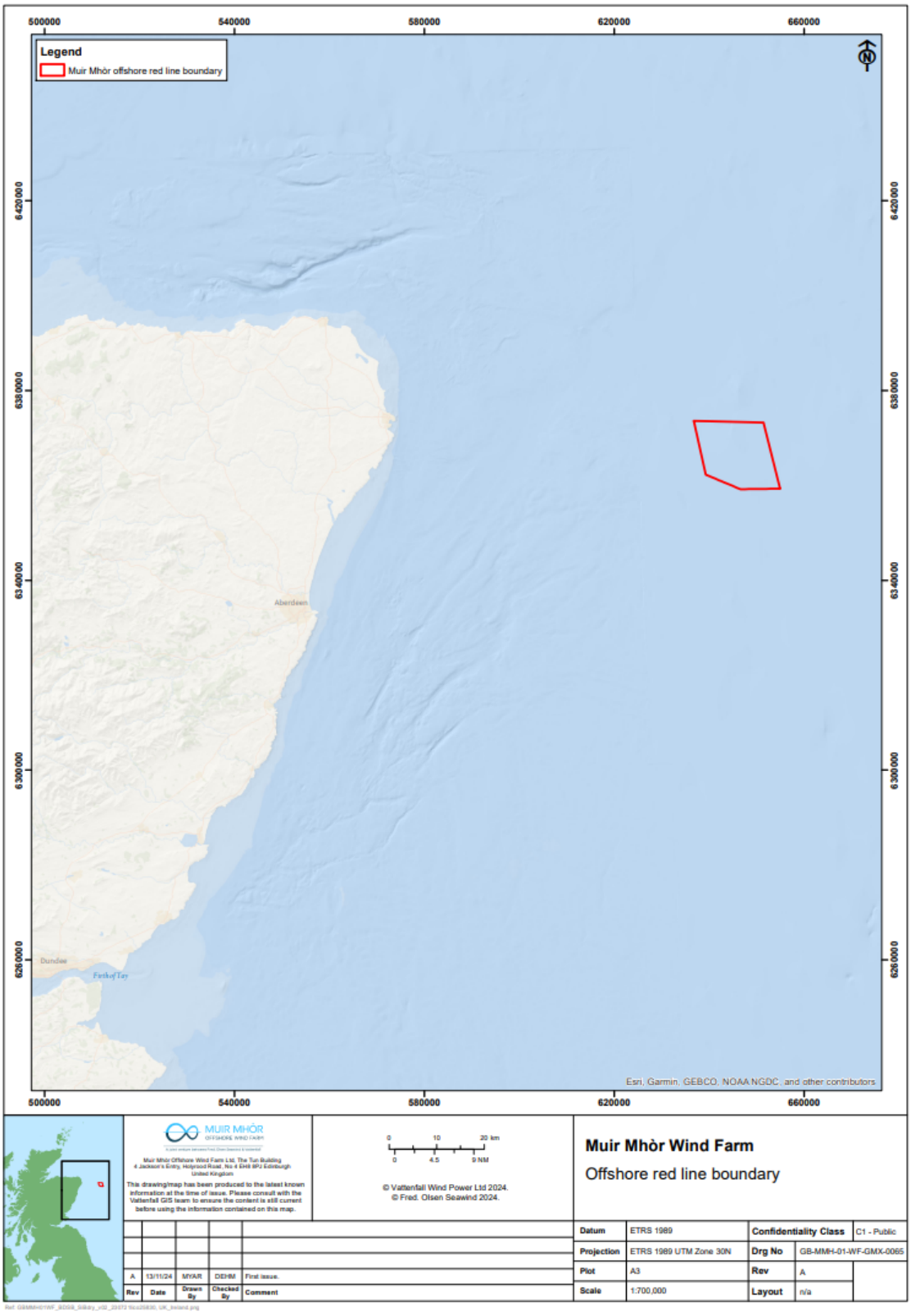
Once the application has been accepted by MD-LOT, the application documents will also be published online at: www.muirmhor.co.uk.

In terms of meetings with the public, the following events have been held:

- The first informal PAC events were held on the 15th and 16th November 2023. The associated virtual exhibition ran from the 15th of November 2023 until 8th January 2024.
- The second round of consultation events (first formal PAC consultation) were held on the 26th and 27th of March 2024 . The associated virtual exhibition ran from the 26th ofof March 2024 until the 28th of April 2024.
- The third consultation event (second formal PAC consultation) was held on the 25th of September 2024 . The associated virtual exhibition ran from the 25th of September 2024 until the 23rd of October 2024.

Confidentiality: C2 - Internal

Location map



Array (application site boundary) co-ordinates

Array coordinate no.	ETRS89 ddm	
	Latitude	Longitude
1	N57° 21.033'	W0° 25.484'
2	N57° 21.021'	W0° 25.479'
3	N57° 21.030'	W0° 26.265'
4	N57° 21.034'	W0° 26.554'
5	N57° 21.045'	W0° 27.456'
6	N57° 21.056'	W0° 28.357'
7	N57° 21.067'	W0° 29.259'
8	N57° 21.077'	W0° 30.160'
9	N57° 21.088'	W0° 31.062'
10	N57° 21.098'	W0° 31.963'
11	N57° 21.108'	W0° 32.802'
12	N57° 21.119'	W0° 33.766'
13	N57° 21.303'	W0° 34.504'
14	N57° 21.335'	W0° 34.635'
15	N57° 21.552'	W0° 35.503'
16	N57° 21.768'	W0° 36.372'
17	N57° 21.984'	W0° 37.241'
18	N57° 22.112'	W0° 37.757'
19	N57° 22.112'	W0° 37.757'
20	N57° 22.200'	W0° 38.110'
21	N57° 22.416'	W0° 38.979'
22	N57° 22.632'	W0° 39.849'
23	N57° 22.847'	W0° 40.719'
24	N57° 22.890'	W0° 40.890'
25	N57° 22.890'	W0° 40.890'
26	N57° 22.914'	W0° 40.988'
27	N57° 22.943'	W0° 40.998'
28	N57° 29.036'	W0° 43.106'
29	N57° 29.062'	W0° 43.115'

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30	N57° 28.965'	W0° 40.173'
31	N57° 28.576'	W0° 28.426'
32	N57° 28.549'	W0° 28.416'
33	N57° 28.508'	W0° 28.400'
34	N57° 21.073'	W0° 25.500'

Confidentiality: C2 - Internal

MUIR MHÒR
OFFSHORE WIND FARM

A joint venture between Fred. Olsen Seawind & Vattenfall

Muir Mhòr Offshore Wind Farm Ltd
120 Bath Street,
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