MUIR MHÒR
OFFSHORE WIND FARM

A joint venture between Fred. Olsen Seawind & Vattenfall

Offshore Transmission Infrastructure 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 Offshore Transmission Infrastructure (OfTi) to just north 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 120 bath Street, Glasgow, G2 2EN

Name of contact (if different) Giulia Agnisola

Position within Company (if appropriate)

Telephone No. (inc. dialing cod

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 Transmission Infrastructure: export cable, offshore electrical platform, interconnector and cables/scour protection.

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

Pre-construction geotechnical and geophysical surveys.

Moorings (e.g. private, commercial):

Vessel moorings for construction vessels undertaking installation activities.

Dredging/Drilling Operations

Seabed preparation/drilling foundations may be required. Please refer to Chapter 3: Project Description.

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 OfTi location map and coordinates grid.

7. Method Statement

The Muir Mhor Wind Farm OfTi will include up to two offshore electrical platforms (OEP(s)), associated fixed foundations, OEP(s) interconnector cable, offshore export cables and, where required, cable and scour protection. 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)

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 **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)	interstecting Sounthern Trench MPA

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	22/11/24

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)	

UIR MHOR OFFSHORE WIND FARM

ANNEX TO OFFSHORE TRANSMISSION INFRASTRUCTURE 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	50,000 tonnes
Timber	N/A	N/A
Plastic/Synthetic	P	9,000 tonnes
Concrete	P	4,800 tonnes
Silt	N/A	N/A
Sand	P	40,000 m^3
Stone/Rock/Gravel	P	854,100 m^3
Concrete bags/mattresses	P	130,000 m^3
Cable	P	273 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 Generating Station 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) Saturday: 9.30am –12.30pm

Confidentiality: C2 - Internal

		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

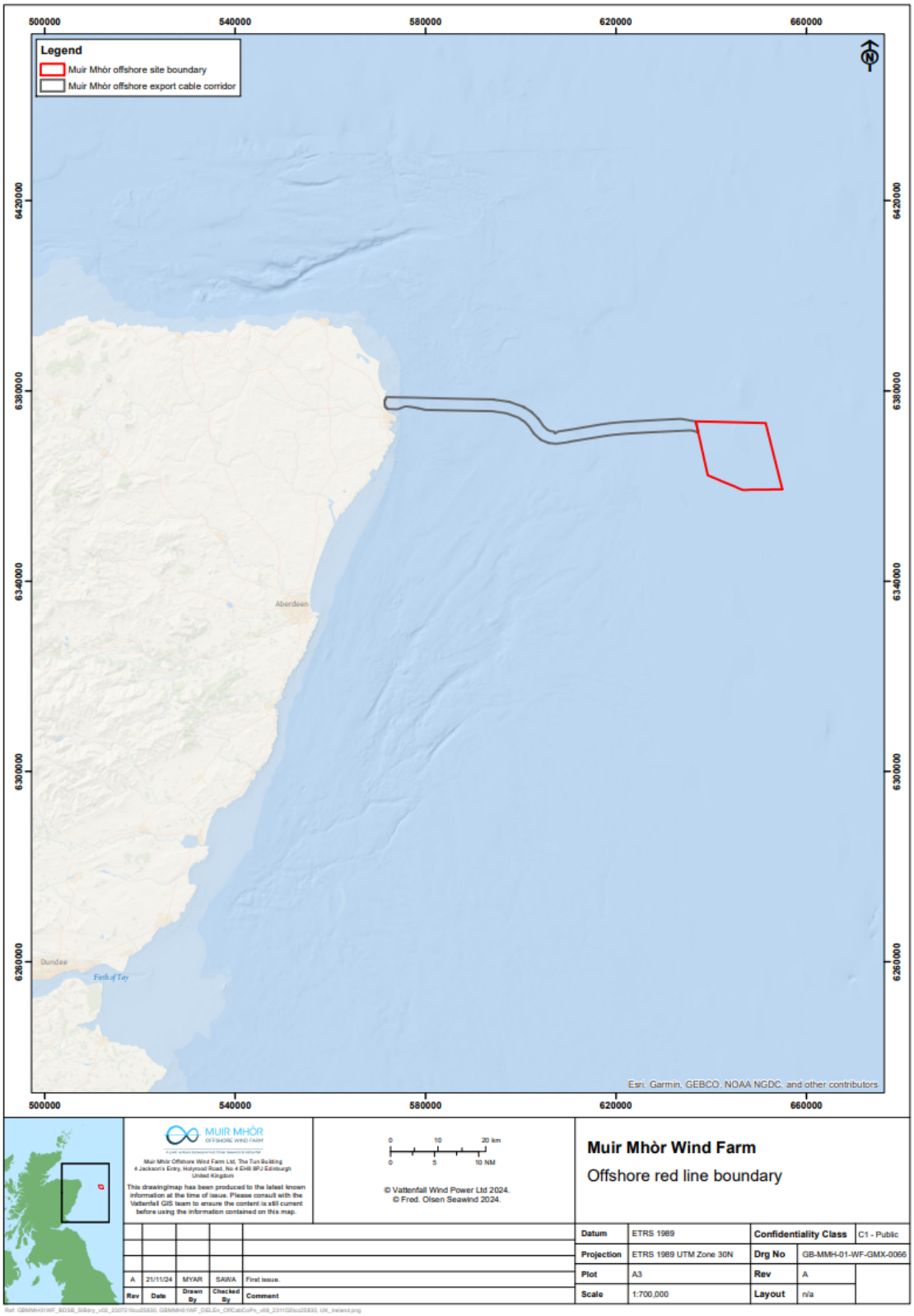
Once the application has been accepted by MD-LOT, the application documents will also be published online at: www.muirmhor.co.uk.

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° 32.180'	W1° 25.424'
2	N57° 31.917'	W1° 22.374'
3	N57° 31.916'	W1° 22.370'
4	N57° 31.915'	W1° 22.359'
5	N57° 31.915'	W1° 22.355'
6	N57° 31.914'	W1° 22.349'
7	N57° 31.913'	W1° 22.333'
8	N57° 31.912'	W1° 22.323'
9	N57° 31.910'	W1° 22.307'
10	N57° 31.908'	W1° 22.296'
11	N57° 31.906'	W1° 22.280'
12	N57° 31.905'	W1° 22.269'
13	N57° 31.903'	W1° 22.253'
14	N57° 31.901'	W1° 22.243'
15	N57° 31.899'	W1° 22.227'
16	N57° 31.897'	W1° 22.217'
17	N57° 31.895'	W1° 22.201'
18	N57° 31.893'	W1° 22.191'
19	N57° 31.890'	W1° 22.175'
20	N57° 31.888'	W1° 22.165'
21	N57° 31.885'	W1° 22.149'
22	N57° 31.884'	W1° 22.144'
23	N57° 31.883'	W1° 22.138'
24	N57° 31.879'	W1° 22.119'
25	N57° 31.878'	W1° 22.113'
26	N57° 31.275'	W1° 19.272'
27	N57° 31.274'	W1° 19.268'
28	N57° 31.271'	W1° 19.255'
29	N57° 31.270'	W1° 19.247'
30	N57° 31.267'	W1° 19.234'
31	N57° 31.265'	W1° 19.225'
32	N57° 31.262'	W1° 19.213'
33	N57° 31.260'	W1° 19.204'

Confidentiality: C2 - Internal

34	N57° 31.256'	W1° 19.192'
35	N57° 31.254'	W1° 19.184'
36	N57° 31.251'	W1° 19.171'
37	N57° 31.249'	W1° 19.163'
38	N57° 31.245'	W1° 19.151'
39	N57° 31.243'	W1° 19.142'
40	N57° 31.239'	W1° 19.130'
41	N57° 31.237'	W1° 19.122'
42	N57° 31.233'	W1° 19.110'
43	N57° 31.232'	W1° 19.106'
44	N57° 31.231'	W1° 19.101'
45	N57° 31.226'	W1° 19.087'
46	N57° 31.223'	W1° 19.077'
47	N57° 31.218'	W1° 19.063'
48	N57° 31.215'	W1° 19.054'
49	N57° 31.210'	W1° 19.040'
50	N57° 31.206'	W1° 19.030'
51	N57° 31.201'	W1° 19.016'
52	N57° 31.200'	W1° 19.012'
53	N57° 30.674'	W1° 17.624'
54	N57° 30.672'	W1° 17.620'
55	N57° 30.667'	W1° 17.607'
56	N57° 30.664'	W1° 17.598'
57	N57° 30.659'	W1° 17.586'
58	N57° 30.655'	W1° 17.577'
59	N57° 30.650'	W1° 17.565'
60	N57° 30.646'	W1° 17.556'
61	N57° 30.641'	W1° 17.544'
62	N57° 30.639'	W1° 17.540'
63	N57° 30.637'	W1° 17.535'
64	N57° 30.630'	W1° 17.520'
65	N57° 30.625'	W1° 17.510'
66	N57° 30.618'	W1° 17.495'
67	N57° 30.613'	W1° 17.486'
68	N57° 30.606'	W1° 17.471'
69	N57° 30.601'	W1° 17.462'
70	N57° 30.593'	W1° 17.448'
71	N57° 30.591'	W1° 17.443'

Confidentiality: C2 - Internal

72	N57° 29.938'	W1° 16.276'
73	N57° 29.934'	W1° 16.269'
74	N57° 29.932'	W1° 16.266'
75	N57° 29.927'	W1° 16.257'
76	N57° 29.924'	W1° 16.251'
77	N57° 29.919'	W1° 16.242'
78	N57° 29.915'	W1° 16.237'
79	N57° 29.910'	W1° 16.228'
80	N57° 29.907'	W1° 16.223'
81	N57° 29.902'	W1° 16.214'
82	N57° 29.900'	W1° 16.212'
83	N57° 29.898'	W1° 16.209'
84	N57° 29.893'	W1° 16.201'
85	N57° 29.889'	W1° 16.196'
86	N57° 29.884'	W1° 16.188'
87	N57° 29.881'	W1° 16.183'
88	N57° 29.875'	W1° 16.175'
89	N57° 29.872'	W1° 16.170'
90	N57° 29.866'	W1° 16.163'
91	N57° 29.863'	W1° 16.158'
92	N57° 29.857'	W1° 16.151'
93	N57° 29.854'	W1° 16.146'
94	N57° 29.848'	W1° 16.139'
95	N57° 29.844'	W1° 16.134'
96	N57° 29.839'	W1° 16.127'
97	N57° 29.835'	W1° 16.123'
98	N57° 29.830'	W1° 16.116'
99	N57° 29.828'	W1° 16.114'
100	N57° 29.057'	W1° 15.207'
101	N57° 28.633'	W1° 14.373'
102	N57° 28.435'	W1° 13.632'
103	N57° 28.383'	W1° 12.961'
104	N57° 28.172'	W1° 12.712'
105	N57° 28.373'	W1° 12.126'
106	N57° 28.444'	W1° 10.901'
107	N57° 28.563'	W1° 9.418'
108	N57° 28.563'	W1° 9.416'
109	N57° 28.564'	W1° 9.409'

Confidentiality: C2 - Internal

110	N57° 28.564'	W1° 9.407'
111	N57° 29.060'	W1° 2.779'
112	N57° 29.060'	W1° 2.772'
113	N57° 29.062'	W1° 2.749'
114	N57° 29.062'	W1° 2.741'
115	N57° 29.164'	W1° 0.974'
116	N57° 29.164'	W1° 0.968'
117	N57° 29.165'	W1° 0.949'
118	N57° 29.166'	W1° 0.937'
119	N57° 29.167'	W1° 0.919'
120	N57° 29.167'	W1° 0.913'
121	N57° 29.245'	W0° 58.343'
122	N57° 29.246'	W0° 58.338'
123	N57° 29.246'	W0° 58.323'
124	N57° 29.246'	W0° 58.318'
125	N57° 29.342'	W0° 53.343'
126	N57° 29.343'	W0° 53.339'
127	N57° 29.343'	W0° 53.325'
128	N57° 29.343'	W0° 53.320'
129	N57° 29.403'	W0° 46.295'
130	N57° 29.062'	W0° 43.115'
131	N57° 29.036'	W0° 43.106'
132	N57° 27.849'	W0° 42.694'
133	N57° 27.848'	W0° 42.699'
134	N57° 27.847'	W0° 42.710'
135	N57° 27.847'	W0° 42.721'
136	N57° 27.846'	W0° 42.732'
137	N57° 27.845'	W0° 42.743'
138	N57° 27.845'	W0° 42.754'
139	N57° 27.845'	W0° 42.764'
140	N57° 27.844'	W0° 42.775'
141	N57° 27.844'	W0° 42.786'
142	N57° 27.844'	W0° 42.797'
143	N57° 27.845'	W0° 42.808'
144	N57° 27.845'	W0° 42.819'
145	N57° 27.845'	W0° 42.830'
146	N57° 27.846'	W0° 42.841'
147	N57° 27.847'	W0° 42.851'

Confidentiality: C2 - Internal

148	N57° 27.847'	W0° 42.862'
149	N57° 27.848'	W0° 42.873'
150	N57° 27.850'	W0° 42.884'
151	N57° 27.851'	W0° 42.894'
152	N57° 27.852'	W0° 42.905'
153	N57° 27.854'	W0° 42.916'
154	N57° 27.855'	W0° 42.926'
155	N57° 27.857'	W0° 42.937'
156	N57° 27.859'	W0° 42.947'
157	N57° 27.861'	W0° 42.957'
158	N57° 27.864'	W0° 42.973'
159	N57° 27.866'	W0° 42.985'
160	N57° 27.881'	W0° 43.053'
161	N57° 27.895'	W0° 43.120'
162	N57° 27.908'	W0° 43.188'
163	N57° 27.921'	W0° 43.256'
164	N57° 27.934'	W0° 43.325'
165	N57° 27.946'	W0° 43.393'
166	N57° 27.959'	W0° 43.462'
167	N57° 27.970'	W0° 43.531'
168	N57° 27.982'	W0° 43.601'
169	N57° 27.993'	W0° 43.670'
170	N57° 28.003'	W0° 43.737'
171	N57° 28.013'	W0° 43.803'
172	N57° 28.023'	W0° 43.870'
173	N57° 28.032'	W0° 43.938'
174	N57° 28.041'	W0° 44.005'
175	N57° 28.050'	W0° 44.078'
176	N57° 28.050'	W0° 44.079'
177	N57° 28.051'	W0° 44.084'
178	N57° 28.051'	W0° 44.085'
179	N57° 28.058'	W0° 44.136'
180	N57° 28.060'	W0° 44.156'
181	N57° 28.063'	W0° 44.191'
182	N57° 28.064'	W0° 44.204'
183	N57° 28.065'	W0° 44.225'
184	N57° 28.067'	W0° 44.276'
185	N57° 28.069'	W0° 44.386'

Confidentiality: C2 - Internal

186	N57° 28.069'	W0° 44.387'
187	N57° 28.069'	W0° 44.390'
188	N57° 28.069'	W0° 44.392'
189	N57° 28.070'	W0° 44.467'
190	N57° 27.996'	W0° 53.267'
191	N57° 27.900'	W0° 58.215'
192	N57° 27.823'	W1° 0.740'
193	N57° 27.724'	W1° 2.456'
194	N57° 27.230'	W1° 9.056'
195	N57° 27.110'	W1° 10.557'
196	N57° 27.109'	W1° 10.562'
197	N57° 27.108'	W1° 10.577'
198	N57° 27.107'	W1° 10.588'
199	N57° 27.106'	W1° 10.603'
200	N57° 27.106'	W1° 10.608'
201	N57° 27.001'	W1° 12.428'
202	N57° 27.000'	W1° 12.434'
203	N57° 26.999'	W1° 12.454'
204	N57° 26.999'	W1° 12.468'
205	N57° 26.998'	W1° 12.488'
206	N57° 26.998'	W1° 12.501'
207	N57° 26.997'	W1° 12.521'
208	N57° 26.997'	W1° 12.534'
209	N57° 26.997'	W1° 12.555'
210	N57° 26.997'	W1° 12.561'
211	N57° 26.997'	W1° 12.566'
212	N57° 26.997'	W1° 12.579'
213	N57° 26.997'	W1° 12.589'
214	N57° 26.997'	W1° 12.602'
215	N57° 26.997'	W1° 12.611'
216	N57° 26.998'	W1° 12.625'
217	N57° 26.998'	W1° 12.634'
218	N57° 26.999'	W1° 12.647'
219	N57° 26.999'	W1° 12.657'
220	N57° 26.999'	W1° 12.670'
221	N57° 27.000'	W1° 12.679'
222	N57° 27.001'	W1° 12.693'
223	N57° 27.001'	W1° 12.702'

Confidentiality: C2 - Internal

224	N57° 27.002'	W1° 12.715'
225	N57° 27.003'	W1° 12.724'
226	N57° 27.004'	W1° 12.738'
227	N57° 27.004'	W1° 12.742'
228	N57° 27.106'	W1° 14.031'
229	N57° 27.106'	W1° 14.038'
230	N57° 27.108'	W1° 14.060'
231	N57° 27.109'	W1° 14.068'
232	N57° 27.109'	W1° 14.073'
233	N57° 27.111'	W1° 14.089'
234	N57° 27.112'	W1° 14.100'
235	N57° 27.114'	W1° 14.116'
236	N57° 27.115'	W1° 14.126'
237	N57° 27.117'	W1° 14.142'
238	N57° 27.119'	W1° 14.153'
239	N57° 27.121'	W1° 14.169'
240	N57° 27.122'	W1° 14.179'
241	N57° 27.125'	W1° 14.195'
242	N57° 27.126'	W1° 14.205'
243	N57° 27.129'	W1° 14.221'
244	N57° 27.131'	W1° 14.231'
245	N57° 27.133'	W1° 14.247'
246	N57° 27.135'	W1° 14.257'
247	N57° 27.138'	W1° 14.273'
248	N57° 27.139'	W1° 14.278'
249	N57° 27.140'	W1° 14.282'
250	N57° 27.142'	W1° 14.294'
251	N57° 27.144'	W1° 14.302'
252	N57° 27.146'	W1° 14.313'
253	N57° 27.148'	W1° 14.321'
254	N57° 27.151'	W1° 14.333'
255	N57° 27.153'	W1° 14.341'
256	N57° 27.155'	W1° 14.352'
257	N57° 27.156'	W1° 14.356'
258	N57° 27.448'	W1° 15.580'
259	N57° 27.449'	W1° 15.586'
260	N57° 27.454'	W1° 15.605'
261	N57° 27.457'	W1° 15.617'

Confidentiality: C2 - Internal

262	N57° 27.462'	W1° 15.635'
263	N57° 27.465'	W1° 15.647'
264	N57° 27.470'	W1° 15.665'
265	N57° 27.474'	W1° 15.676'
266	N57° 27.479'	W1° 15.694'
267	N57° 27.481'	W1° 15.700'
268	N57° 27.482'	W1° 15.704'
269	N57° 27.487'	W1° 15.719'
270	N57° 27.490'	W1° 15.728'
271	N57° 27.494'	W1° 15.742'
272	N57° 27.497'	W1° 15.751'
273	N57° 27.502'	W1° 15.765'
274	N57° 27.506'	W1° 15.774'
275	N57° 27.510'	W1° 15.787'
276	N57° 27.514'	W1° 15.796'
277	N57° 27.519'	W1° 15.809'
278	N57° 27.522'	W1° 15.818'
279	N57° 27.528'	W1° 15.831'
280	N57° 27.531'	W1° 15.840'
281	N57° 27.537'	W1° 15.853'
282	N57° 27.540'	W1° 15.861'
283	N57° 27.546'	W1° 15.874'
284	N57° 27.548'	W1° 15.878'
285	N57° 27.550'	W1° 15.884'
286	N57° 27.558'	W1° 15.900'
287	N57° 27.564'	W1° 15.911'
288	N57° 27.572'	W1° 15.928'
289	N57° 27.574'	W1° 15.933'
290	N57° 28.136'	W1° 17.037'
291	N57° 28.138'	W1° 17.042'
292	N57° 28.147'	W1° 17.058'
293	N57° 28.152'	W1° 17.068'
294	N57° 28.160'	W1° 17.083'
295	N57° 28.166'	W1° 17.093'
296	N57° 28.175'	W1° 17.108'
297	N57° 28.181'	W1° 17.117'
298	N57° 28.189'	W1° 17.131'
299	N57° 28.193'	W1° 17.136'

Confidentiality: C2 - Internal

300	N57° 28.194'	W1° 17.139'
301	N57° 28.199'	W1° 17.147'
302	N57° 28.203'	W1° 17.152'
303	N57° 28.208'	W1° 17.160'
304	N57° 28.212'	W1° 17.165'
305	N57° 28.217'	W1° 17.173'
306	N57° 28.221'	W1° 17.178'
307	N57° 28.226'	W1° 17.185'
308	N57° 28.230'	W1° 17.190'
309	N57° 28.235'	W1° 17.197'
310	N57° 28.239'	W1° 17.202'
311	N57° 28.244'	W1° 17.209'
312	N57° 28.248'	W1° 17.214'
313	N57° 28.253'	W1° 17.221'
314	N57° 28.257'	W1° 17.225'
315	N57° 28.263'	W1° 17.232'
316	N57° 28.265'	W1° 17.234'
317	N57° 29.049'	W1° 18.158'
318	N57° 29.610'	W1° 19.162'
319	N57° 29.702'	W1° 19.405'
320	N57° 29.728'	W1° 19.437'
321	N57° 29.739'	W1° 19.504'
322	N57° 30.052'	W1° 20.330'
323	N57° 30.598'	W1° 22.905'
324	N57° 30.843'	W1° 25.748'
325	N57° 31.049'	W1° 34.669'
326	N57° 31.049'	W1° 34.670'
327	N57° 31.049'	W1° 34.672'
328	N57° 31.049'	W1° 34.673'
329	N57° 31.173'	W1° 39.794'
330	N57° 31.181'	W1° 39.856'
331	N57° 31.189'	W1° 39.911'
332	N57° 31.189'	W1° 39.912'
333	N57° 31.189'	W1° 39.916'
334	N57° 31.189'	W1° 39.916'
335	N57° 31.197'	W1° 39.975'
336	N57° 31.197'	W1° 39.975'
337	N57° 31.205'	W1° 40.031'

Confidentiality: C2 - Internal

338	N57° 31.212'	W1° 40.086'
339	N57° 31.212'	W1° 40.087'
340	N57° 31.212'	W1° 40.092'
341	N57° 31.213'	W1° 40.093'
342	N57° 31.220'	W1° 40.147'
343	N57° 31.227'	W1° 40.201'
344	N57° 31.227'	W1° 40.202'
345	N57° 31.228'	W1° 40.209'
346	N57° 31.228'	W1° 40.210'
347	N57° 31.235'	W1° 40.265'
348	N57° 31.242'	W1° 40.320'
349	N57° 31.242'	W1° 40.321'
350	N57° 31.243'	W1° 40.326'
351	N57° 31.243'	W1° 40.327'
352	N57° 31.251'	W1° 40.382'
353	N57° 31.258'	W1° 40.436'
354	N57° 31.265'	W1° 40.495'
355	N57° 31.265'	W1° 40.495'
356	N57° 31.280'	W1° 40.612'
357	N57° 31.288'	W1° 40.670'
358	N57° 31.288'	W1° 40.670'
359	N57° 31.295'	W1° 40.729'
360	N57° 31.302'	W1° 40.784'
361	N57° 31.309'	W1° 40.838'
362	N57° 31.309'	W1° 40.839'
363	N57° 31.310'	W1° 40.845'
364	N57° 31.310'	W1° 40.846'
365	N57° 31.317'	W1° 40.900'
366	N57° 31.324'	W1° 40.955'
367	N57° 31.324'	W1° 40.955'
368	N57° 31.332'	W1° 41.014'
369	N57° 31.339'	W1° 41.072'
370	N57° 31.346'	W1° 41.127'
371	N57° 31.352'	W1° 41.183'
372	N57° 31.352'	W1° 41.183'
373	N57° 31.353'	W1° 41.189'
374	N57° 31.353'	W1° 41.189'
375	N57° 31.360'	W1° 41.245'

Confidentiality: C2 - Internal

376	N57° 31.367'	W1° 41.300'
377	N57° 31.374'	W1° 41.358'
378	N57° 31.374'	W1° 41.358'
379	N57° 31.381'	W1° 41.414'
380	N57° 31.387'	W1° 41.470'
381	N57° 31.387'	W1° 41.470'
382	N57° 31.387'	W1° 41.471'
383	N57° 31.388'	W1° 41.475'
384	N57° 31.388'	W1° 41.475'
385	N57° 31.394'	W1° 41.530'
386	N57° 31.401'	W1° 41.587'
387	N57° 31.401'	W1° 41.587'
388	N57° 31.408'	W1° 41.645'
389	N57° 31.414'	W1° 41.700'
390	N57° 31.427'	W1° 41.814'
391	N57° 31.434'	W1° 41.873'
392	N57° 31.434'	W1° 41.874'
393	N57° 31.440'	W1° 41.929'
394	N57° 31.446'	W1° 41.983'
395	N57° 31.452'	W1° 42.041'
396	N57° 31.452'	W1° 42.042'
397	N57° 31.459'	W1° 42.098'
398	N57° 31.471'	W1° 42.213'
399	N57° 31.482'	W1° 42.327'
400	N57° 31.488'	W1° 42.384'
401	N57° 31.488'	W1° 42.384'
402	N57° 31.494'	W1° 42.439'
403	N57° 31.505'	W1° 42.552'
404	N57° 31.505'	W1° 42.553'
405	N57° 31.510'	W1° 42.609'
406	N57° 31.515'	W1° 42.665'
407	N57° 31.515'	W1° 42.665'
408	N57° 31.521'	W1° 42.723'
409	N57° 31.526'	W1° 42.779'
410	N57° 31.531'	W1° 42.836'
411	N57° 31.536'	W1° 42.891'
412	N57° 31.545'	W1° 43.003'
413	N57° 31.550'	W1° 43.058'

Confidentiality: C2 - Internal

414	N57° 31.559'	W1° 43.173'
415	N57° 31.564'	W1° 43.230'
416	N57° 31.564'	W1° 43.231'
417	N57° 31.568'	W1° 43.286'
418	N57° 31.572'	W1° 43.338'
419	N57° 31.576'	W1° 43.395'
420	N57° 31.576'	W1° 43.396'
421	N57° 31.576'	W1° 43.400'
422	N57° 31.576'	W1° 43.401'
423	N57° 31.580'	W1° 43.454'
424	N57° 31.583'	W1° 43.507'
425	N57° 31.583'	W1° 43.507'
426	N57° 31.587'	W1° 43.566'
427	N57° 31.591'	W1° 43.622'
428	N57° 31.598'	W1° 43.734'
429	N57° 31.601'	W1° 43.787'
430	N57° 31.604'	W1° 43.844'
431	N57° 31.604'	W1° 43.845'
432	N57° 31.607'	W1° 43.900'
433	N57° 31.610'	W1° 43.957'
434	N57° 31.610'	W1° 43.957'
435	N57° 31.612'	W1° 44.013'
436	N57° 31.618'	W1° 44.126'
437	N57° 31.620'	W1° 44.178'
438	N57° 31.620'	W1° 44.179'
439	N57° 31.311'	W1° 45.664'
440	N57° 31.363'	W1° 47.937'
441	N57° 31.363'	W1° 47.937'
442	N57° 31.367'	W1° 47.933'
443	N57° 31.372'	W1° 47.927'
444	N57° 31.376'	W1° 47.924'
445	N57° 31.381'	W1° 47.925'
446	N57° 31.385'	W1° 47.926'
447	N57° 31.390'	W1° 47.927'
448	N57° 31.394'	W1° 47.929'
449	N57° 31.400'	W1° 47.930'
450	N57° 31.406'	W1° 47.933'
451	N57° 31.412'	W1° 47.936'

Confidentiality: C2 - Internal

452	N57° 31.417'	W1° 47.940'
453	N57° 31.420'	W1° 47.945'
454	N57° 31.424'	W1° 47.951'
455	N57° 31.429'	W1° 47.956'
456	N57° 31.433'	W1° 47.961'
457	N57° 31.439'	W1° 47.968'
458	N57° 31.441'	W1° 47.974'
459	N57° 31.444'	W1° 47.981'
460	N57° 31.445'	W1° 47.989'
461	N57° 31.445'	W1° 47.997'
462	N57° 31.447'	W1° 48.006'
463	N57° 31.449'	W1° 48.014'
464	N57° 31.452'	W1° 48.022'
465	N57° 31.454'	W1° 48.030'
466	N57° 31.456'	W1° 48.038'
467	N57° 31.457'	W1° 48.046'
468	N57° 31.458'	W1° 48.054'
469	N57° 31.460'	W1° 48.063'
470	N57° 31.463'	W1° 48.072'
471	N57° 31.465'	W1° 48.081'
472	N57° 31.468'	W1° 48.089'
473	N57° 31.473'	W1° 48.105'
474	N57° 31.478'	W1° 48.119'
475	N57° 31.484'	W1° 48.133'
476	N57° 31.486'	W1° 48.139'
477	N57° 31.490'	W1° 48.148'
478	N57° 31.493'	W1° 48.157'
479	N57° 31.498'	W1° 48.167'
480	N57° 31.504'	W1° 48.177'
481	N57° 31.511'	W1° 48.190'
482	N57° 31.515'	W1° 48.198'
483	N57° 31.519'	W1° 48.205'
484	N57° 31.524'	W1° 48.212'
485	N57° 31.531'	W1° 48.219'
486	N57° 31.543'	W1° 48.230'
487	N57° 31.547'	W1° 48.235'
488	N57° 31.553'	W1° 48.241'
489	N57° 31.560'	W1° 48.248'

Confidentiality: C2 - Internal

490	N57° 31.565'	W1° 48.253'
491	N57° 31.569'	W1° 48.257'
492	N57° 31.573'	W1° 48.259'
493	N57° 31.578'	W1° 48.264'
494	N57° 31.585'	W1° 48.269'
495	N57° 31.591'	W1° 48.274'
496	N57° 31.596'	W1° 48.278'
497	N57° 31.602'	W1° 48.282'
498	N57° 31.606'	W1° 48.286'
499	N57° 31.617'	W1° 48.294'
500	N57° 31.626'	W1° 48.302'
501	N57° 31.631'	W1° 48.305'
502	N57° 31.635'	W1° 48.309'
503	N57° 31.640'	W1° 48.312'
504	N57° 31.641'	W1° 48.313'
505	N57° 31.644'	W1° 48.315'
506	N57° 31.651'	W1° 48.319'
507	N57° 31.658'	W1° 48.322'
508	N57° 31.662'	W1° 48.324'
509	N57° 31.667'	W1° 48.326'
510	N57° 31.672'	W1° 48.330'
511	N57° 31.677'	W1° 48.332'
512	N57° 31.681'	W1° 48.335'
513	N57° 31.692'	W1° 48.342'
514	N57° 31.696'	W1° 48.345'
515	N57° 31.700'	W1° 48.346'
516	N57° 31.711'	W1° 48.353'
517	N57° 31.723'	W1° 48.359'
518	N57° 31.729'	W1° 48.364'
519	N57° 31.737'	W1° 48.368'
520	N57° 31.744'	W1° 48.370'
521	N57° 31.752'	W1° 48.376'
522	N57° 31.761'	W1° 48.380'
523	N57° 31.769'	W1° 48.383'
524	N57° 31.776'	W1° 48.385'
525	N57° 31.783'	W1° 48.387'
526	N57° 31.788'	W1° 48.389'
527	N57° 31.795'	W1° 48.391'

Confidentiality: C2 - Internal

528	N57° 31.800'	W1° 48.393'
529	N57° 31.804'	W1° 48.395'
530	N57° 31.812'	W1° 48.396'
531	N57° 31.818'	W1° 48.397'
532	N57° 31.825'	W1° 48.399'
533	N57° 31.829'	W1° 48.401'
534	N57° 31.840'	W1° 48.405'
535	N57° 31.849'	W1° 48.409'
536	N57° 31.859'	W1° 48.412'
537	N57° 31.865'	W1° 48.413'
538	N57° 31.871'	W1° 48.414'
539	N57° 31.878'	W1° 48.413'
540	N57° 31.885'	W1° 48.412'
541	N57° 31.899'	W1° 48.409'
542	N57° 31.906'	W1° 48.409'
543	N57° 31.911'	W1° 48.409'
544	N57° 31.915'	W1° 48.409'
545	N57° 31.919'	W1° 48.410'
546	N57° 31.924'	W1° 48.410'
547	N57° 31.928'	W1° 48.411'
548	N57° 31.932'	W1° 48.412'
549	N57° 31.939'	W1° 48.413'
550	N57° 31.946'	W1° 48.415'
551	N57° 31.952'	W1° 48.417'
552	N57° 31.960'	W1° 48.419'
553	N57° 31.970'	W1° 48.421'
554	N57° 31.979'	W1° 48.423'
555	N57° 31.985'	W1° 48.423'
556	N57° 31.989'	W1° 48.423'
557	N57° 31.994'	W1° 48.423'
558	N57° 32.001'	W1° 48.423'
559	N57° 32.008'	W1° 48.423'
560	N57° 32.015'	W1° 48.422'
561	N57° 32.022'	W1° 48.421'
562	N57° 32.027'	W1° 48.420'
563	N57° 32.035'	W1° 48.420'
564	N57° 32.039'	W1° 48.420'
565	N57° 32.048'	W1° 48.421'

Confidentiality: C2 - Internal

566	N57° 32.056'	W1° 48.422'
567	N57° 32.060'	W1° 48.422'
568	N57° 32.069'	W1° 48.421'
569	N57° 32.074'	W1° 48.421'
570	N57° 32.080'	W1° 48.421'
571	N57° 32.085'	W1° 48.422'
572	N57° 32.095'	W1° 48.423'
573	N57° 32.102'	W1° 48.424'
574	N57° 32.107'	W1° 48.423'
575	N57° 32.124'	W1° 48.421'
576	N57° 32.130'	W1° 48.420'
577	N57° 32.136'	W1° 48.420'
578	N57° 32.148'	W1° 48.419'
579	N57° 32.158'	W1° 48.418'
580	N57° 32.170'	W1° 48.417'
581	N57° 32.176'	W1° 48.416'
582	N57° 32.183'	W1° 48.414'
583	N57° 32.191'	W1° 48.412'
584	N57° 32.197'	W1° 48.411'
585	N57° 32.201'	W1° 48.411'
586	N57° 32.209'	W1° 48.409'
587	N57° 32.214'	W1° 48.407'
588	N57° 32.218'	W1° 48.405'
589	N57° 32.225'	W1° 48.402'
590	N57° 32.230'	W1° 48.400'
591	N57° 32.244'	W1° 48.394'
592	N57° 32.250'	W1° 48.391'
593	N57° 32.256'	W1° 48.389'
594	N57° 32.262'	W1° 48.387'
595	N57° 32.268'	W1° 48.385'
596	N57° 32.272'	W1° 48.384'
597	N57° 32.294'	W1° 48.376'
598	N57° 32.313'	W1° 48.363'
599	N57° 32.324'	W1° 48.357'
600	N57° 32.327'	W1° 48.357'
601	N57° 32.328'	W1° 48.357'
602	N57° 32.329'	W1° 48.357'
603	N57° 32.329'	W1° 48.357'

Confidentiality: C2 - Internal

604	N57° 32.330'	W1° 48.357'
605	N57° 32.332'	W1° 48.357'
606	N57° 32.338'	W1° 48.358'
607	N57° 32.338'	W1° 48.359'
608	N57° 32.338'	W1° 48.359'
609	N57° 32.337'	W1° 48.362'
610	N57° 32.335'	W1° 48.363'
611	N57° 32.334'	W1° 48.365'
612	N57° 32.329'	W1° 48.368'
613	N57° 32.333'	W1° 48.371'
614	N57° 32.339'	W1° 48.370'
615	N57° 32.352'	W1° 48.361'
616	N57° 32.369'	W1° 48.352'
617	N57° 32.376'	W1° 48.347'
618	N57° 32.379'	W1° 48.345'
619	N57° 32.383'	W1° 48.342'
620	N57° 32.394'	W1° 48.335'
621	N57° 32.399'	W1° 48.332'
622	N57° 32.405'	W1° 48.326'
623	N57° 32.408'	W1° 48.323'
624	N57° 32.428'	W1° 48.305'
625	N57° 32.449'	W1° 48.285'
626	N57° 32.450'	W1° 48.284'
627	N57° 32.459'	W1° 48.277'
628	N57° 32.476'	W1° 48.261'
629	N57° 32.476'	W1° 48.261'
630	N57° 32.485'	W1° 48.252'
631	N57° 32.485'	W1° 48.251'
632	N57° 32.509'	W1° 48.221'
633	N57° 32.519'	W1° 48.209'
634	N57° 32.519'	W1° 48.209'
635	N57° 32.519'	W1° 48.209'
636	N57° 32.526'	W1° 48.201'
637	N57° 32.535'	W1° 48.191'
638	N57° 32.546'	W1° 48.181'
639	N57° 32.546'	W1° 48.181'
640	N57° 32.546'	W1° 48.180'
641	N57° 32.557'	W1° 48.171'

Confidentiality: C2 - Internal

642	N57° 32.580'	W1° 48.151'
643	N57° 32.595'	W1° 48.140'
644	N57° 32.595'	W1° 48.139'
645	N57° 32.595'	W1° 48.139'
646	N57° 32.605'	W1° 48.133'
647	N57° 32.610'	W1° 48.131'
648	N57° 32.610'	W1° 48.130'
649	N57° 32.636'	W1° 48.124'
650	N57° 32.666'	W1° 48.119'
651	N57° 32.673'	W1° 48.118'
652	N57° 32.693'	W1° 48.115'
653	N57° 32.694'	W1° 48.115'
654	N57° 32.702'	W1° 48.115'
655	N57° 32.702'	W1° 48.115'
656	N57° 32.709'	W1° 48.117'
657	N57° 32.710'	W1° 48.117'
658	N57° 32.710'	W1° 48.118'
659	N57° 32.711'	W1° 48.118'
660	N57° 32.714'	W1° 48.119'
661	N57° 32.715'	W1° 48.120'
662	N57° 32.561'	W1° 41.463'
663	N57° 32.395'	W1° 34.561'
664	N57° 32.187'	W1° 25.567'
665	N57° 32.187'	W1° 25.560'
666	N57° 32.187'	W1° 25.538'
667	N57° 32.186'	W1° 25.524'
668	N57° 32.185'	W1° 25.502'
669	N57° 32.184'	W1° 25.488'
670	N57° 32.183'	W1° 25.467'
671	N57° 32.182'	W1° 25.452'
672	N57° 32.180'	W1° 25.431'
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'

Confidentiality: C2 - Internal

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'
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,
Glasgow,
G2 2EN

muirmhor.co.uk