

# **MachairWind Offshore Windfarm**

## **Marine Licence Application for Generation Assets**



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

### Marine (Scotland) Act 2010

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

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

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

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

## Explanatory Notes

### 2. Applicant

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

### 3. Agent

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

### 4. Duration of Project

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

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

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

### 6. Location of Project

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

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

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

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

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

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

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

## 7. Method Statement

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

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

## 8. Permanent (and Temporary) Deposits

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

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

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

## 9. Producer/Contractor

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

## 10. Holder

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

## 11. Agent

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

## 12. Duration of Dredging/Drilling Operation

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

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

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

## 14. Method Statement of Dredging/Drilling Operation

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

## 15. Use of Explosives

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

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

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

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

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

- **NGR:** Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.
- **Latitude & longitude:** For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 55°55.55'N 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/](http://www.foodstandards.gov.uk/) with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

## 26. Designated Conservation Areas

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

## 27. Environmental Assessment

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

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

## Other Considerations

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

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

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

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

(ML-003)

## Marine (Scotland) Act 2010

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

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

### Public Register

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

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

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

The value of the works stated in Item 5(a) below is considered to be commercially confidential. In addition, Annex 11.3A of Appendix 11.3 Collision Risk Modelling contains commercially sensitive information and is considered confidential.

## 1. Project Title and Payment Details

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

MachairWind WDA Transmission Assets, located northwest of Islay and west of Colonsay

**Payment:** Enclosed payment  BACS  **OR** Invoice

## 2. Applicant Details

Title Mrs Initials KF Surname Wilson

Trading Title (if appropriate) MachairWind Limited

Address 320 St. Vincent Street, Glasgow, G2 5AD

Name of contact  
(if different)

Position within Company  
(if appropriate)

Telephone No.  
(inc. dialing code)

Fax No.  
(inc. dialing code)

Company Registration No. SC719630

Email machairwind@scottishpower.com

## 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 2030

Expected completion date 2065

## 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.

See additional information attached and Section 3.8 of Chapter 3 Project Description of the EIAR for further detail regarding the proposed schedule of work.

(c) Types of Work Proposed

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

OWF including WTGs, fixed foundations, inter-array and OSP link cables, scour and cable protection.

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

Pre-construction geophysical, geotechnical surveys, and ecological surveys.

Moorings (e.g. private, commercial):

Moorings potentially required for construction activities.

Dredging/Drilling Operations

Potential requirement for seabed preparation / dredging / drilling - see Chapter 3 of the EIAR.

## 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.

See annex attached for Location Map and co-ordinates. Co-ordinates also provided as an excel spreadsheet included alongside this application.

## 7. Method Statement

The generating assets of MachairWind Offshore Windfarm will comprise up to 144 wind turbine generators and fixed-bottom foundations, scour protection for foundations, inter-array cables, OSP link cables, and fibre optic cables integrated or bundled with the offshore cables. For further detail, please refer to Chapter 3 – Project Description of the EIA.

~~For consenting purposes, the Project has been split into three Development Areas for which separate~~

## 8. Permanent (and Temporary) Deposits

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

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

Other (please describe below):

See attached annex for full details of deposits.

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

Material will be delivered to the WDA by vessel and all deposit locations will be in the WDA. See Chapter 3 Project Description of the EIA for further details on the list of indicative ports. Indicative vessel tracks during construction are shown on Figure 11.2 of Chapter 11 Offshore Ornithology of the EIA.

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

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



Position within Company  
(if appropriate)

Telephone No.  
(inc. dialing code)

Fax No.  
(inc. dialing code)

Company Registration No.

Email

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

## 12. Duration of Dredging/Drilling Operation

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

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

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

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

## 14. Method Statement for Dredging/Drilling Operation

## 15. Use of Explosives

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

YES  NO

If YES,

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

YES  NO

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

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

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

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

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

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

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

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

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

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

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

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

**19. Details of Dredged Material Quality**

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

Can the samples be made available if required? YES  NO

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

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

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

**21. Sea Disposal Site Details**

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

## 22. Other Consents

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

Type of Consent	(Tick appropriate box)		Reference No.	Date of Issue of Consent
	Applied for	Not Applied for		
1. Local Planning Authority (LPA) (e.g. Town and Country Planning Act)		✓		
Name and address of LPA for Location of proposed works:	Argyll and Bute Council, Kilmory, Lochgilphead, Argyll, PA31 8RT			
2. Land Owner e.g. The Crown Estate	✓		Option to Lease agreement dated 8th of <input type="checkbox"/>	TBC
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?

Two rounds of statutory pre-application consultation (PAC) have been held for the Project, both of which were advertised through public notices, newspaper adverts, postcard distribution, posters, and social media advertising. Please see attached annex for further detail.

Have the public been invited to submit comments?

YES  NO

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

At each round of PAC, members of the public and stakeholders were invited to share comments through multiple channels, such as online and printed feedback forms, verbal feedback during in person and online events, postal letter and email. Amendments were made to the Project taking into consideration the comments from respondents. Please see attached annex and the Pre-Application Consultation

Have any consultation meetings with the public been arranged?

YES  NO

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

Through the PAC process, the public have been invited to 12 public drop-in events and 4 webinar events. The venues chosen for the in-person events were accessible and provided parking options. Please see attached annex and the Pre-Application Consultation (PAC) Report for further detail.

## 25. Consultation with Conservation Bodies

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

The Applicant engaged extensively with relevant conservation bodies, including but not limited to NatureScot, Historic Environment Scotland, RSPB Scotland and DAERA. These bodies were consulted prior to and during the Scoping process in addition to post-scoping. Please see annex (attached) and Chapter 6 of the EIA Report for further detail.

## 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)

N/A

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)

N/A

## 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, the EIA Report and associated documents will be made available for public inspection at the following locations:

- Islay Service Point, Jamieson Street, Bowmore, Isle of Islay, PA43 7HP;
- Jura Service Point, Craighouse, Isle of Jura PA60 7XG;

### 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.**

[Redacted]

Signature

Date

10/06/2026

Name in BLOCK LETTERS

KIERA WILSON

Position within company  
(if appropriate)

DEVELOPMENT LEAD

**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)


# MachairWind Offshore Windfarm

## Annex to Marine Licence Application for Generation Assets



# 1 MACHAIRWIND OFFSHORE WINDFARM

## 1.1 ANNEX TO MARINE LICENCE APPLICATION – GENERATION

### 1.1.1 Response to Question 5(b)

1. The earliest any construction works at the Windfarm Development Area (WDA) would start is assumed to be in 2030. It is anticipated that the maximum offshore construction period would be five years (excluding pre-construction activities such as surveys). The time periods of specific activities would vary and be encompassed within this five-year offshore construction period. **Table 1.1** sets out an indicative construction period.
2. It should be noted that the construction programme is subject to change as it is dependent on numerous factors including consent timeframes, funding mechanisms and the Project's grid connection date. The final design of the Project will also affect the construction programme, as well as weather conditions once construction starts. As such, details of the construction programme are indicative at this stage in order to provide a reasonable and realistic basis for undertaking the environmental assessments.
3. Offshore (seaward of mean low water) working hours during construction are assumed to be 24/7.

*Table 1.1 Indicative offshore construction programme*

WDA Component	Indicative Programme
Pre-construction activities	To take place ahead of construction Year 1
Wind Turbine Generator (WTG) foundations (design, manufacture and install)	Years 1-4
Inter array cables (design, manufacture and install)	Years 1-4
Offshore Substation Platform (OSP) link cables (design, manufacture and install)	Years 1-4
WTG (design and manufacture)	Years 1-4
WTG (install and commission)	Years 4-5

### 1.1.2 Response to Question 8(a) - Permanent (and Temporary) Deposits

4. Permanent (and temporary) deposits required for the MachairWind Offshore Windfarm are presented in **Table 1.2** below on an indicative, maximum design scenario basis.

*Table 1.2 Indicative maximum permanent (and temporary) deposits for MachairWind*

Type of Deposit	Nature of Deposit (P / T) <sup>1</sup>	Deposit Quantity
Steel / iron (tonnes)	P	625,888
Timber (tonnes)	P	2,391
Plastic / synthetic (tonnes)	P	60,035
Concrete (tonnes)	P	25,920
Silt (tonnes)	N/A	N/A

<sup>1</sup> P – Permanent, T – Temporary



Type of Deposit	Nature of Deposit (P / T) <sup>1</sup>	Deposit Quantity
Sand (tonnes)	N/A	N/A
Stone / Rock / Gravel (m <sup>3</sup> )	P	11,114,896
Concrete bags / mattresses	P	Less than or equal to that for 'Stone/Rock/Gravel' in row above
Cable (km)	P	844
Other - please describe below		
Grout - up to 374,400 tonnes of grout could be required for wind turbine foundations which would be a permanent deposit.		

### 1.1.3 Response to Question 24 – Advertising and Consultation

Have these proposals been advertised to the public?

- Two rounds of statutory consultation were delivered, the first round from 26 May to 06 July 2025 and second round from 20 October to 30 November 2025. These featured 12 in-person drop-in sessions across the five host island communities, and four webinars, in addition to a virtual consultation room and interactive online map for both rounds of consultations. The combination of in-person and online events and printed and digital materials allowed attendees to access key Project information to enable them to share informed feedback at their convenience and see how their input shaped the Project.
- A breakdown of dates, times and locations of all Pre-Application Consultation (PAC) in-person and online events is provided in **Table 1.3** below.

Table 1.3 Breakdown of statutory consultation events

Date	Time	Event	Location	Attendees
<b>Statutory Consultation: 1<sup>st</sup> Round (26 May to 06 July 2025)</b>				
Tues 03 June	3pm – 7.30pm	Public drop-in session	Port Mor, Port Charlotte, Islay	26
Wed 04 June	3pm – 7.30pm	Public drop-in session	Colonsay Village Hall, Scalasaig, Colonsay	31
Tue 10 June	6.30pm – 7.30pm	Webinar	Online via Microsoft Teams	2
Wed 11 June	3pm – 7.30pm	Public drop-in session	Gaelic Centre, Bowmore, Islay	13
Thu 12 June	3pm – 7.30pm	Public drop-in session	Jura Hall, Craighouse, Jura	33
Tue 17 June	3pm – 7.30pm	Public drop-in session	Creich Hall, Fionnphort, Mull	23
Wed 18 June	3pm – 7.30pm	Public drop-in session	Iona Village Hall, Iona	22
Mon 23 June	6.30 – 7.30pm	Webinar	Online via Microsoft Teams	4
<b>Statutory Consultation: 2<sup>nd</sup> Round (20 October to 30 November 2025)</b>				
Tue 21 October	10.30am – 2pm	Public drop-in session	Port Mor, Port Charlotte, Islay	22
Tue 21 October	4pm – 7.30pm	Public drop-in session	Ramsay Hall, Port Ellen, Islay	5
Wed 22 October	3pm – 7pm	Public drop-in session	Jura Hall, Craighouse, Jura	8
Thu 23 October	3pm – 7pm	Public drop-in session	Colonsay Village Hall, Colonsay	30



Date	Time	Event	Location	Attendees
Tue 28 October	4pm – 7.30pm	Public drop-in session	Iona Village Hall, Iona	14
Wed 29 October	3pm – 7pm	Public drop-in session	Bunessan Village Hall, Mull	26
Thu 06 November	6.30pm – 7.30pm	Webinar	Online via Microsoft Teams	3
Tue 18 November	6.30pm – 7.30pm	Webinar	Online via Microsoft Teams	11

7. Each Statutory Consultation round was widely publicised through the advertisement methods detailed in **Table 1.4** below. See Appendix 6 of the **PAC Report** for further details regarding the methods used to publicise the PAC for the Project.

*Table 1.4 Advertisement methods*

Method	Details
Newspaper adverts	Published in Round & About Mull & Iona, The Ileaich and The Jura Jottings.
Public notices	Public Notices were published for both rounds of Statutory Consultation in the Oban Times on 24 April 2025 and 04 September 2025.
Postcard distribution	The Applicant delivered 6,865 postcards across the two rounds of Statutory Consultation. The postcards were delivered to households and businesses on Islay, Jura, Colonsay, Ross of Mull and Iona; the postcards contained details of the upcoming consultation events and methods for providing feedback.
Posters	Posters were placed in prominent community locations across the host islands for both rounds of Statutory Consultation.
Social media advertising	The Applicant sought agreement with local groups to issue information regarding the Statutory Consultation on their existing social media channels.
Emails to stakeholders	Emails were issued to key stakeholders, including community councils, local councilors and development trusts, to inform them of the Statutory Consultations and encourage their participation in the engagement process.

8. The following feedback mechanisms were used over the two rounds of Statutory Consultation:
- Verbal feedback (webinars and face to face events);
  - Email ([machairwind@scottishpower.com](mailto:machairwind@scottishpower.com));
  - Printed feedback form (and FREEPOST envelope);
  - Online feedback form; and
  - Postal letter.
9. Following submission of the application and on dates to be agreed with Marine Directorate - Licensing Operations Team (MD-LOT), public notices advising that the Applicant has submitted applications for a Section 36 Consent and accompanying Marine Licences to MD-LOT, and inviting the public to submit comments on the application, will be placed in the following publications:
- The Edinburgh Gazette;
  - The Herald;
  - The Oban Times; and
  - Fishing News.
10. The MachairWind WDA Environmental Impact Assessment Report (EIAR) and supporting documents are available electronically via the Document Library on the project website: <https://www.scottishpowerrenewables.com/offshore/machairwind/document-library>.



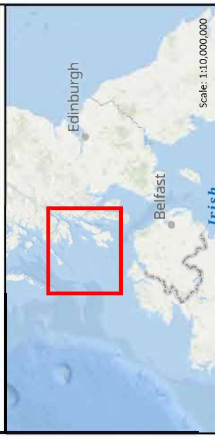
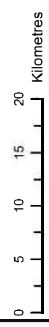
11. Printed copies of the Non-Technical Summary Report(s), including plans detailing MachairWind Limited's proposed location, further information on the development, and an analysis of its environmental implications, are available for inspection at the locations listed below. Visual materials associated with the EIAR, including maps, photomontages, and wirelines, are also available in print at these locations. A tablet device providing access to the digital EIAR and supporting documents is also available at these locations:
- Islay Service Point, Jamieson Street, Bowmore, Isle of Islay, PA43 7HP;
  - Jura Service Point, Craighouse, Isle of Jura PA60 7XG;
  - Colonsay Service Point, Scalasaig, Isle of Colonsay, PA61 7YW;
  - Island Castaways, The Square, Bunessan, Isle of Mull PA67 6DG; and
  - Iona Village Hall, Isle of Iona PA76 6SJ.
12. Copies of the EIAR may also be obtained from MachairWind Limited email: [machairwind@scottishpower.com](mailto:machairwind@scottishpower.com) at a charge of £1,000 hard copy and £15 on CD/USB stick (including post and packaging). Copies of a short non-technical summary are available free of charge.
- 1.1.4 Response to Question 25 – Consultation with Conservation Bodies**
13. The Applicant engaged extensively with relevant conservation bodies through the statutory and non-statutory consultation process. Key organisations consulted during this process include:
- Argyll and Bute Council;
  - Department of Agriculture, Environment and Rural Affairs;
  - Marine Directorate Science Evidence, Data and Digital;
  - NatureScot;
  - National Trust for Scotland; and
  - Royal Society for the Protection of Birds (RSPB Scotland).
14. These organisations were consulted during the Environmental Impact Assessment (EIA) Scoping and Habitats Regulations Appraisal (HRA) Screening processes as appropriate and throughout the pre-application phase. Their feedback informed the EIA, HRA and WDA and associated infrastructure parameters.
15. Further details regarding specific consultation with these organisations is detailed within each topic-specific chapter of the EIAR.

## 1.2 LOCATION PLAN





- Windfarm Development Area
- Marine Protected Area
- Special Area of Conservation



1	10/20/2019	AB	GIS	OC	PH
REV	DATE	CREATOR	REVIEWER	TECHNICAL CHECKER	APPROVER

DRAWING NUMBER: MCW-DWF-ENV-MAP-RHS-000197

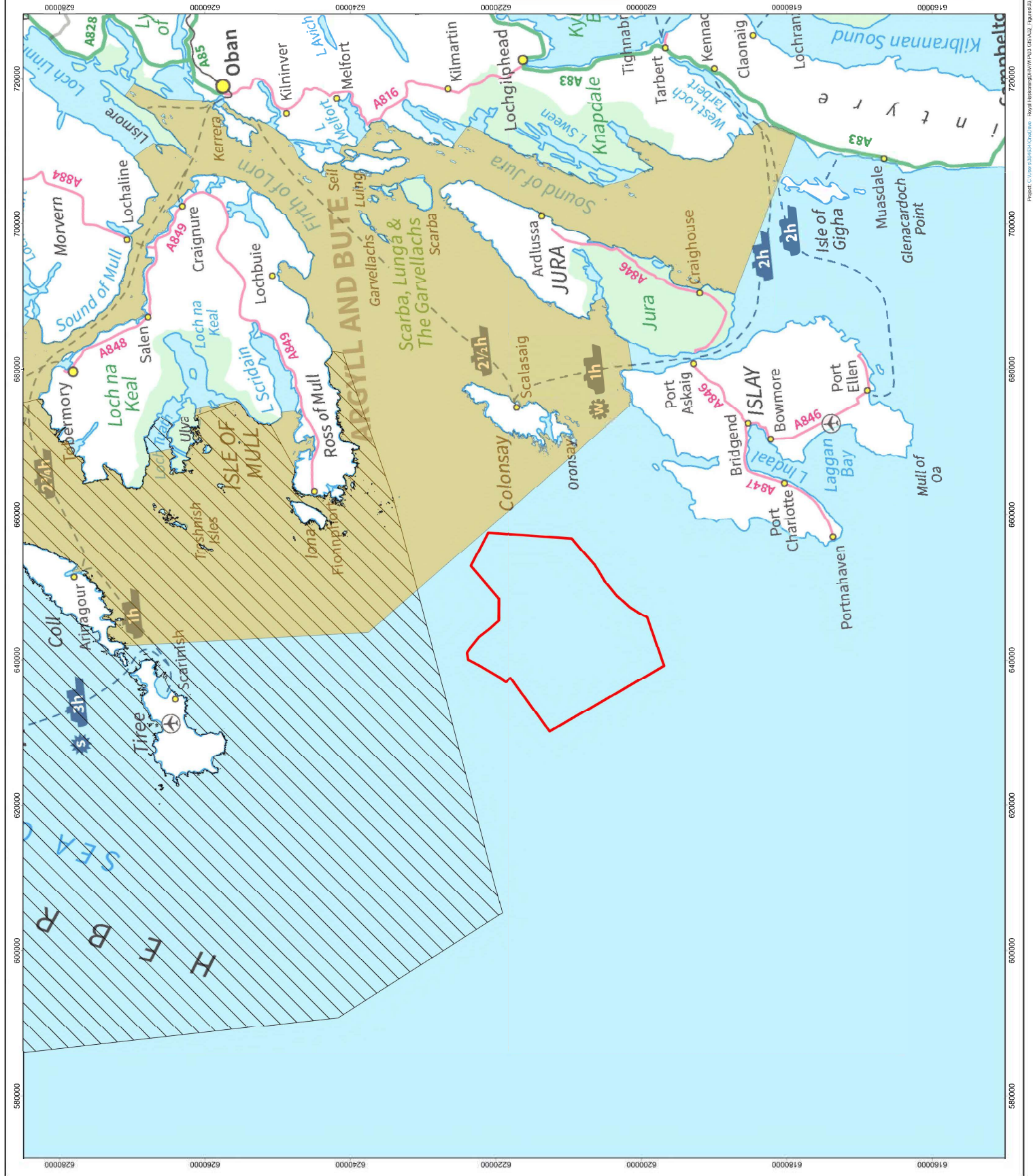
DATE: ETR589  
 SCALE: 1:500,000  
 PROJECTION: UTM Zone 29N  
 PAGE SIZE: A3

PROJECT TITLE: MachairWind

**MachairWind Offshore Windfarm Location Plan**

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 Services Layer Credits: World Ocean Information System (Sea, Iceberg, Current), GEBCO, National Geographic, NOAA, World Ocean Bank, Earth Observatory, Germany, Haskoning

**NOT TO BE USED FOR NAVIGATION**



Project: C:\Users\johnd@haskoning.com\Documents\MapRHS\MapRHS\_000197.mxd  
 Project Path: C:\Users\johnd@haskoning.com\Documents\MapRHS\MapRHS\_000197.mxd  
 Project Name: MachairWind Offshore Windfarm Location Plan  
 Project Date: 10/20/2019  
 Project Author: AB  
 Project Reviewer: OC  
 Project Approver: PH  
 Project Title: MachairWind Offshore Windfarm Location Plan  
 Project Scale: 1:500,000  
 Project Projection: UTM Zone 29N  
 Project Page Size: A3  
 Project Status: Not for Navigation  
 Project Credits: World Ocean Information System (Sea, Iceberg, Current), GEBCO, National Geographic, NOAA, World Ocean Bank, Earth Observatory, Germany, Haskoning

**1.3 WINDFARM DEVELOPMENT AREA (APPLICATION BOUNDARY) CO-ORDINATES**

ID	WGS84		WGS84	
	Longitude (DD)	Latitude (DD)	Longitude (DMS)	Latitude (DMS)
01	-6.910494	56.040907	06° 54' 37.78" W	56° 02' 27.26" N
02	-6.790015	56.087253	06° 47' 24.05" W	56° 05' 14.11" N
03	-6.790119	56.087360	06° 47' 24.43" W	56° 05' 14.5" N
04	-6.797377	56.093231	06° 47' 50.56" W	56° 05' 35.63" N
05	-6.786778	56.101530	06° 47' 12.4" W	56° 06' 05.51" N
06	-6.765549	56.120279	06° 45' 55.98" W	56° 07' 13.01" N
07	-6.760792	56.124438	06° 45' 38.85" W	56° 07' 27.98" N
08	-6.757634	56.127617	06° 45' 27.48" W	56° 07' 39.42" N
09	-6.751098	56.133920	06° 45' 03.95" W	56° 08' 02.11" N
10	-6.749320	56.135772	06° 44' 57.55" W	56° 08' 08.78" N
11	-6.748896	56.136265	06° 44' 56.03" W	56° 08' 10.55" N
12	-6.747749	56.137339	06° 44' 51.9" W	56° 08' 14.42" N
13	-6.746768	56.138512	06° 44' 48.37" W	56° 08' 18.64" N
14	-6.731255	56.139750	06° 43' 52.52" W	56° 08' 23.1" N
15	-6.723277	56.136793	06° 43' 23.8" W	56° 08' 12.46" N
16	-6.697252	56.124315	06° 41' 50.11" W	56° 07' 27.53" N
17	-6.679455	56.110566	06° 40' 46.04" W	56° 06' 38.04" N
18	-6.662642	56.099354	06° 39' 45.51" W	56° 05' 57.67" N
19	-6.614070	56.098266	06° 36' 50.65" W	56° 05' 53.76" N
20	-6.539626	56.131326	06° 32' 22.65" W	56° 07' 52.77" N
21	-6.466748	56.108333	06° 28' 00.29" W	56° 06' 30.0" N
22	-6.486792	56.005686	06° 29' 12.45" W	56° 00' 20.47" N
23	-6.519135	55.991125	06° 31' 08.89" W	55° 59' 28.05" N
24	-6.545835	55.978439	06° 32' 45.01" W	55° 58' 42.38" N
25	-6.550619	55.977003	06° 33' 02.23" W	55° 58' 37.21" N
26	-6.557113	55.974922	06° 33' 25.61" W	55° 58' 29.72" N
27	-6.559648	55.974057	06° 33' 34.73" W	55° 58' 26.6" N
28	-6.587351	55.965316	06° 35' 14.46" W	55° 57' 55.14" N
29	-6.615584	55.952938	06° 36' 56.1" W	55° 57' 10.58" N
30	-6.642315	55.937113	06° 38' 32.33" W	55° 56' 13.61" N
31	-6.653943	55.927418	06° 39' 14.19" W	55° 55' 38.7" N



ID	WGS84		WGS84	
	Longitude (DD)	Latitude (DD)	Longitude (DMS)	Latitude (DMS)
32	-6.656134	55.925525	06° 39' 22.08" W	55° 55' 31.89" N
33	-6.658738	55.923176	06° 39' 31.46" W	55° 55' 23.43" N
34	-6.660705	55.921330	06° 39' 38.54" W	55° 55' 16.79" N
35	-6.664234	55.917862	06° 39' 51.24" W	55° 55' 04.3" N
36	-6.666079	55.915977	06° 39' 57.89" W	55° 54' 57.52" N
37	-6.774329	55.897026	06° 46' 27.59" W	55° 53' 49.29" N

