

## 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 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.

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

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

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

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

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

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

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

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

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

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

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

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

## 18. Dredged/Drilled Material: Additional Information

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

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

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

## 19. Details of Dredged/Drilled Material Quality

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

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

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

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

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

## **21. Sea Disposal Site Details**

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

## **22. Other Consents**

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

## **23. Statutory Consenting Powers**

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

## **24. Advertising and Consultation**

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

## **25. Consultation with Conservation Bodies**

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

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

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

## 26. Designated Conservation Areas

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

## 27. Environmental Assessment

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

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

## Other Considerations

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

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

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

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

(ML-003)

## Marine (Scotland) Act 2010

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

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

Publication of the information provided in Section 5a regarding the estimated cost of the works may prejudice the ongoing commercial tendering process.



**1. Project Title and Payment Details**

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

Moray Offshore Renewables Limited Offshore Transmission Infrastructure, Moray Firth

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

**2. Applicant Details**

Title Mr Initials D Surname Finch

Trading Title (if appropriate) Moray Offshore Renewables Limited

Address 1st Floor, 14/18 City Road, Cardiff CF24 3DL

Name of contact (if different) Sarah Pirie

Position within Company (if appropriate)

Telephone No. 0131 556 7602 (inc. dialing code)

Fax No. 0131 556 6020 (inc. dialing code)

Company Registration No. 7101438

Email sarah.pirie@edpr.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 1 January 2016

Expected completion date 31 September 2020

**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 separate sheet

**(c)** Types of Work Proposed

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

Offshore wind farm transmission infrastructure (see Chapter 2.2 of the MORL ES).

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

None

Moorings (e.g. private, commercial):

Moorings may be established to support construction activities.

Dredging/Drilling Operations

A separate license for dredging and/or drilling will be applied for if required.

**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 see enclosed offshore transmission infrastructure location plan and list of co-ordinates.

**7. Method Statement**

Please see Chapter 2.2 of the MORL Environmental Statement.

A detailed construction method statement including schedule will be submitted with the construction management plan in advance of construction works commencing.

**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	P	See separate sheet Tonnes No. (if applicable)
Timber	n/a	See separate sheet m <sup>3</sup> /tonnes
Plastic/Synthetic	n/a	See separate sheet m <sup>2</sup>
Concrete	P	See separate sheet m <sup>3</sup>
Silt	P	See separate sheet m <sup>3</sup>
Sand	P	See separate sheet m <sup>3</sup>
Stone/Rock/Gravel	P	See separate sheet Size range (mm) Total m <sup>3</sup>
Concrete bags/mattresses	P	See separate sheet No. Dimensions Total m <sup>3</sup>
Cable	P	See separate sheet Length (m)

Other (please describe below):

n/a

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

By vessel. Details of vessels and routes to be used will be provided in a construction method statement that will be submitted with the construction management plan in advance of works commencing.

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



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

**9. Dredging/Drilling Contractor/Producer Details**

Title                              Initials                              Surname

Trading Title (if appropriate)

Address

Name of contact  
(if different)

Position within Company  
(if appropriate)

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

Company Registration No.                              Email

**10. Holder**

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

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

Title                              Initials                              Surname

Trading Title (if appropriate)

Address

Name of contact  
(if different)

Position within Company  
(if appropriate)

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

Company Registration No.                              Email

**11. Agent**

Title                              Initials                              Surname

Trading Title (if appropriate)

Address

Name of contact  
(if different)

Position within Company  
(if appropriate)

Telephone No.  
(inc. dialing code)

Fax No.  
(inc. dialing code)

Company Registration No.

Email

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

**12. Duration of Dredging/Drilling Operation**

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

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

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

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

**14. Method Statement for Dredging/Drilling Operation**

**15. Use of Explosives**

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

YES  NO

If YES,

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

YES  NO

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

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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:	Aberdeenshire Council Arbuthnot House 62 Broad Street Peterhead, AB42 1DA			
2. Land Owner e.g. The Crown Estate		✓		
3. Local Port or Harbour Authority e.g. local work licence		✓		
4. Scottish Environment Protection Agency (SEPA)		✓		
5. Others		✓		

## 23. Statutory Consenting Powers

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

No.
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## 24. Advertising and Consultation



Have these proposals been advertised to the public?  
If **YES**, how and where?

YES  NO

Please see enclosed MORL Environmental Statement (Chapter 1.4 - Consultation) for details. Public Notice to be placed in local newspapers for 2 week period, in a national newspaper for a 2 week period, and in the Edinburgh Gazette for a 2 week period. ES available for public inspection at several locations (see Section 27 below). Public consultation events to be arranged.

Have the public been invited to submit comments?  
If **YES**, to whom and by what closing date?

YES  NO

Please see enclosed MORL Environmental Statement (Chapter 1.4 - Consultation) for details of pre-application public consultation. The public will be invited to comment on the application via public notices placed in local and national newspapers. The closing date will be detailed in the advert.

Have any consultation meetings with the public been arranged?  
If **YES**, where and when are these to be held?

YES  NO

Please see enclosed MORL Environmental Statement (Chapter 1.4 - Consultation) for details of previously held public exhibitions. A future programme of public consultation events will be held at various locations around the Moray Firth coastline commencing in September 2012.

## 25. Consultation with Conservation Bodies

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

Please see enclosed MORL Environmental Statement (Chapter 1.4 - Consultation). JNCC and SNH have both been consulted with extensively. Dates and details of the meetings are contained with the MORL Environmental Statement (Appendices 1.3B, 1.3C and 1.4A-F).

## 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:

The Highland Council Planning Offices (Inverness and Caithness); Aberdeenshire Council Planning Office (Peterhead); Moray Council Planning Office (Elgin); Helmsdale Library; Buckie Library, Golspie Service Point, Brora Library.

### 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

18/7/12

Name in BLOCK LETTERS

DAN FINCH

Position within company  
(if appropriate)

Project Director

**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)


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**ML-003 – Additional Sheet 1**

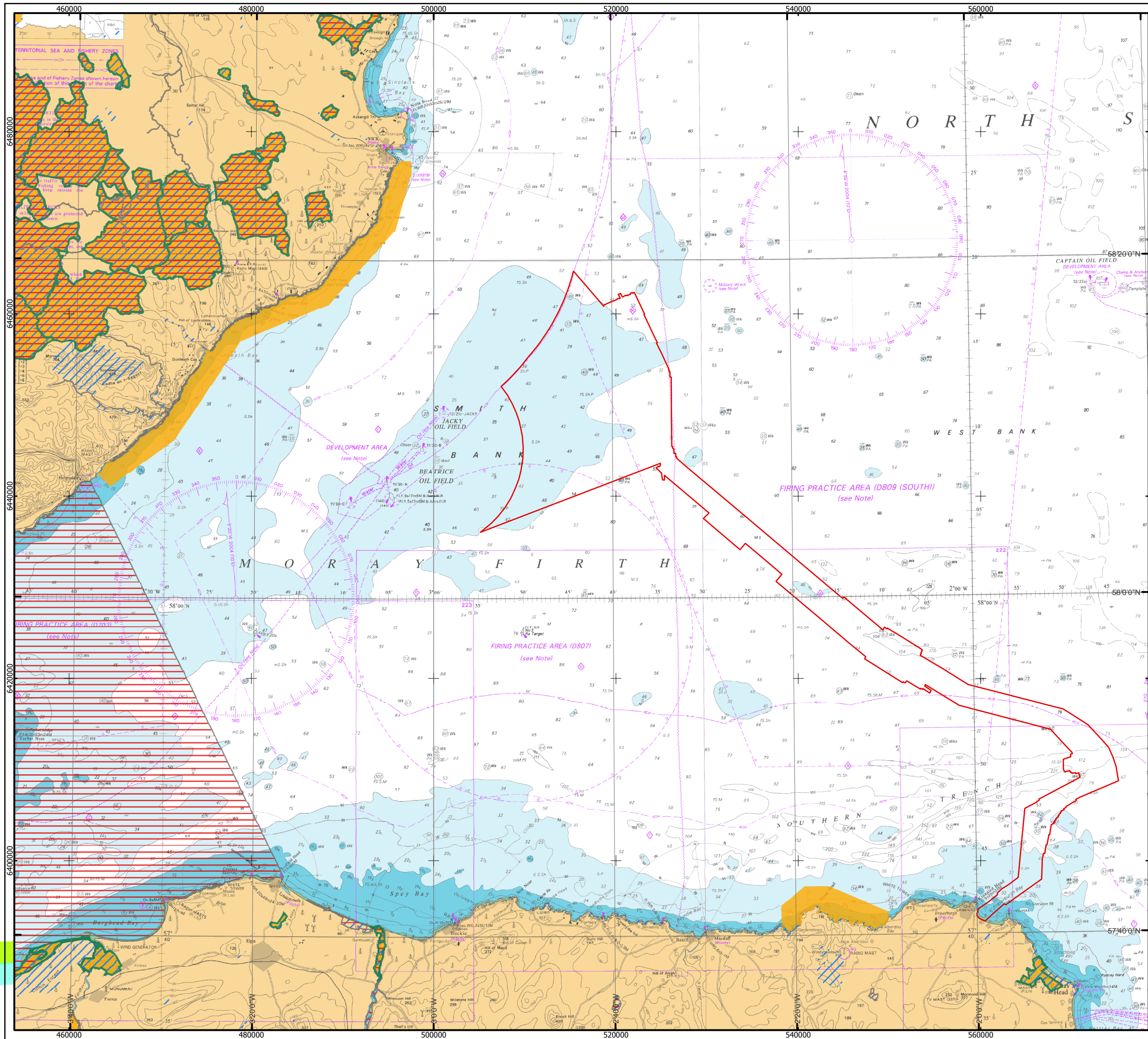
**Moray Offshore Renewables Ltd Offshore Transmission Infrastructure**

**Section 8 (a) Quantity of permanent (and temporary, where applicable) material to be deposited below MHWS**

Type of Deposit	Nature of Deposit (P = Permanent, T = Temporary)	Deposit Quantity
Steel/Iron	P	Tonnes: Approximately 53,000 Tonnes if steel substructures are selected to support the OSPs, or approximately 15,500 Tonnes if gravity base substructures are selected.
Timber	N/A	N/A
Plastic/Synthetic	P	Tonnes: Approximately 500
Concrete	P	Approximately 121,500 Tonnes if gravity base substructures are selected to support the OSPs, or approximately 700 Tonnes if steel substructures are selected.
Silt	N/A	N/A
Sand	P	Approximately 240,000 m <sup>3</sup> if gravity base substructures are selected to support the OSPs.
Stone/Rock/Gravel	P	Size Range (mm): 50 - 200  Total m <sup>3</sup> : Approximately 195,000 m <sup>3</sup> if gravity base substructures are selected to support the OSPs or approximately 54,300 m <sup>3</sup> if steel substructures are selected. Also, up to 17,000 m <sup>3</sup> for protection of cables.
Concrete bags/mattresses	P	No.: Approximately 2,500  Maximum Dimensions: 6m x 3m x 1.5m  Total m <sup>3</sup> : Up to 65,000 m <sup>3</sup> for protection of cables
Cable	P	Maximum Length (m): 510,000 m

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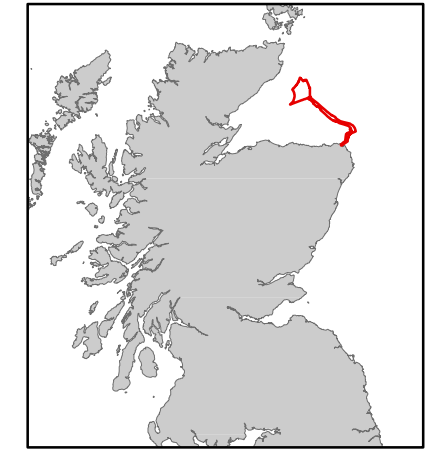
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Moray Offshore Renewables Ltd

KEY

- Offshore Transmission Works License Area
- Ramsar
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Special Protected Area (SPA)



Horizontal Scale: 1:400,000 A3 Chart  
0 10,000 20,000 Meters

Geodetic Parameters: WGS84 UTM Zone 30N

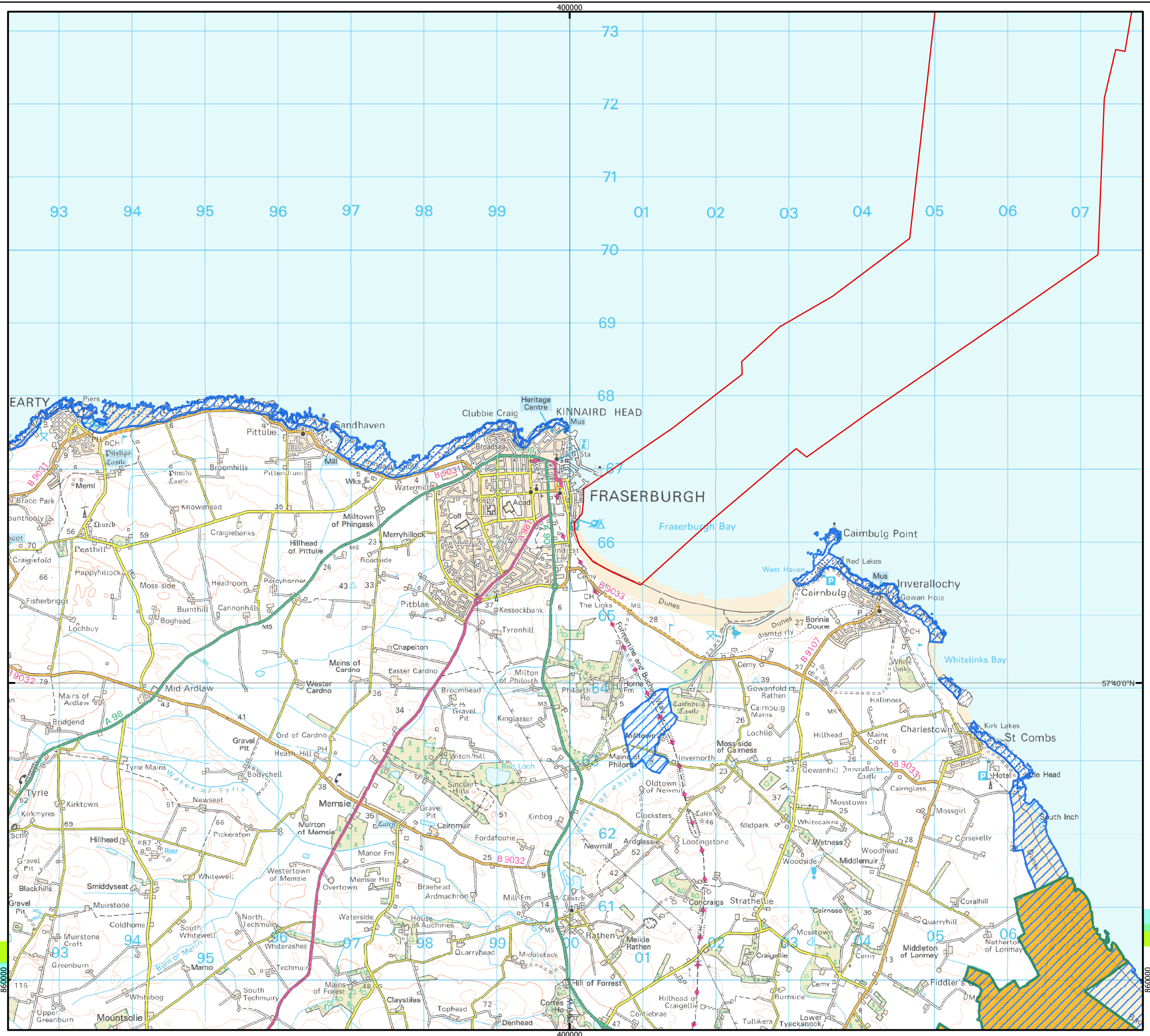
Produced: PH  
Reviewed: SW  
Approved: DF

Date: 21/05/2012 Revision: A  
REF: 8460001-PPL0000-MOR-MAP-005

Moray Offshore  
Transmission Works

Moray Offshore  
Renewables Ltd

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**Moray Offshore Renewables Ltd**

- KEY**
- Offshore Transmission Works License Area
  - Ramsar
  - Special Area of Conservation (SAC)
  - Site of Special Scientific Interest (SSSI)
  - Special Protected Area (SPA)

Horizontal Scale: 1:50,000 A3 Chart

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: PH  
 Reviewed: SW  
 Approved: DF

Date: 23/05/2012 Revision: A  
 REF: 8460001-PPL000-MOR-MAP-006

**Moray Offshore Transmission Works - Landfall Area**

**Moray Offshore Renewables Ltd**



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**Moray Offshore Transmission Boundary Coordinates**  
**Coordinates Supplied in WGS84**

ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)	ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)
1	516184.1001	6463702.472	58° 18.840' N	2° 43.427' W	47	526643.5158	6444302.627	58° 8.355' N	2° 32.849' W
2	518634.838	6460843.355	58° 17.293' N	2° 40.931' W	48	526675.2659	6444143.876	58° 8.269' N	2° 32.818' W
3	518666.3124	6460852.347	58° 17.298' N	2° 40.899' W	49	527635.7053	6443302.5	58° 7.812' N	2° 31.845' W
4	518626.6248	6460955.535	58° 17.354' N	2° 40.939' W	50	530052.6789	6441278.433	58° 6.712' N	2° 29.399' W
5	519341.0012	6461265.098	58° 17.519' N	2° 40.206' W	51	534200.0309	6437777.989	58° 4.808' N	2° 25.207' W
6	520063.3152	6461566.724	58° 17.679' N	2° 39.465' W	52	538613.2898	6434063.231	58° 2.784' N	2° 20.754' W
7	520063.3152	6461614.349	58° 17.705' N	2° 39.465' W	53	542832.0794	6430499.287	58° 0.840' N	2° 16.505' W
8	520309.3781	6461717.537	58° 17.760' N	2° 39.213' W	54	544657.7081	6428959.409	57° 60.000' N	2° 14.669' W
9	520380.8158	6461685.787	58° 17.743' N	2° 39.140' W	55	544872.021	6428784.783	57° 59.904' N	2° 14.453' W
10	520460.191	6461733.412	58° 17.768' N	2° 39.058' W	56	545014.8963	6428919.721	57° 59.976' N	2° 14.307' W
11	520253.8155	6462146.162	58° 17.991' N	2° 39.267' W	57	548947.9354	6425601.839	57° 58.163' N	2° 10.356' W
12	520507.816	6462233.475	58° 18.037' N	2° 39.007' W	58	549289.2486	6425324.026	57° 58.011' N	2° 10.013' W
13	520714.1915	6461844.537	58° 17.827' N	2° 38.798' W	59	549440.0614	6425617.714	57° 58.169' N	2° 9.857' W
14	521047.5671	6462035.037	58° 17.929' N	2° 38.455' W	60	549733.7495	6425427.214	57° 58.064' N	2° 9.561' W
15	521103.1297	6462003.287	58° 17.912' N	2° 38.399' W	61	549773.4371	6425522.464	57° 58.115' N	2° 9.520' W
16	521253.9425	6462066.787	58° 17.945' N	2° 38.244' W	62	550908.5018	6424839.838	57° 57.740' N	2° 8.378' W
17	521269.8176	6462011.225	58° 17.915' N	2° 38.228' W	63	553150.8501	6423442.835	57° 56.971' N	2° 6.123' W
18	521579.3807	6462169.975	58° 18.000' N	2° 37.910' W	64	553579.4759	6423165.022	57° 56.818' N	2° 5.692' W
19	521547.6306	6462233.475	58° 18.034' N	2° 37.942' W	65	553547.7259	6423093.584	57° 56.780' N	2° 5.725' W
20	521777.8186	6462344.6	58° 18.094' N	2° 37.706' W	66	553595.351	6423045.959	57° 56.754' N	2° 5.678' W
21	521825.4437	6462273.163	58° 18.055' N	2° 37.658' W	67	553444.5382	6422776.084	57° 56.610' N	2° 5.834' W
22	522008.0065	6462352.538	58° 18.097' N	2° 37.470' W	68	553508.0383	6422760.209	57° 56.601' N	2° 5.770' W
23	522873.1958	6460526.909	58° 17.111' N	2° 36.596' W	69	553381.038	6422545.896	57° 56.486' N	2° 5.902' W
24	523127.1963	6459987.158	58° 16.819' N	2° 36.339' W	70	555952.7932	6421021.893	57° 55.646' N	2° 3.317' W
25	523055.7586	6459947.471	58° 16.798' N	2° 36.412' W	71	556635.4196	6420577.392	57° 55.401' N	2° 2.632' W
26	524174.9484	6457558.278	58° 15.507' N	2° 35.282' W	72	558655.5173	6419323.264	57° 54.710' N	2° 0.605' W
27	524532.1366	6456843.902	58° 15.121' N	2° 34.922' W	73	562362.3373	6418378.7	57° 54.171' N	1° 56.867' W
28	524444.8239	6456788.339	58° 15.091' N	2° 35.011' W	74	568073.3799	6416902.322	57° 53.325' N	1° 51.112' W
29	525040.1376	6455573.899	58° 14.435' N	2° 34.411' W	75	569037.7881	6416664.197	57° 53.188' N	1° 50.141' W
30	525810.0767	6453914.959	58° 13.538' N	2° 33.635' W	76	570037.9151	6416029.195	57° 52.836' N	1° 49.140' W
31	525762.4516	6453851.458	58° 13.504' N	2° 33.684' W	77	571768.2936	6414941.756	57° 52.234' N	1° 47.410' W
32	525778.3266	6453795.896	58° 13.474' N	2° 33.668' W	78	573157.3588	6413449.503	57° 51.416' N	1° 46.032' W
33	525833.8892	6453803.833	58° 13.478' N	2° 33.611' W	79	573800.2976	6412719.251	57° 51.017' N	1° 45.396' W
34	525841.8267	6453653.021	58° 13.397' N	2° 33.604' W	80	574050.3294	6412433.501	57° 50.860' N	1° 45.149' W
35	525921.2019	6453653.021	58° 13.396' N	2° 33.523' W	81	574526.5803	6411361.936	57° 50.278' N	1° 44.688' W
36	525929.1394	6453073.582	58° 13.084' N	2° 33.519' W	82	574867.8935	6410345.934	57° 49.727' N	1° 44.362' W
37	526064.0772	6453073.582	58° 13.084' N	2° 33.381' W	83	575066.3314	6409115.619	57° 49.062' N	1° 44.185' W
38	526072.0147	6451414.641	58° 12.190' N	2° 33.384' W	84	575130.5349	6408778.551	57° 48.880' N	1° 44.126' W
39	526079.9522	6448636.51	58° 10.692' N	2° 33.395' W	85	570880.5075	6406958.885	57° 47.941' N	1° 48.450' W
40	526127.5773	6445429.754	58° 8.964' N	2° 33.368' W	86	570450.4721	6406725.949	57° 47.820' N	1° 48.888' W
41	526230.765	6445429.754	58° 8.964' N	2° 33.262' W	87	570527.2641	6406615.88	57° 47.760' N	1° 48.812' W
42	526246.64	6445215.441	58° 8.848' N	2° 33.248' W	88	570231.6148	6406444.378	57° 47.670' N	1° 49.113' W
43	526349.8277	6445207.504	58° 8.844' N	2° 33.143' W	89	569381.7829	6405937.551	57° 47.405' N	1° 49.980' W
44	526349.8277	6444699.503	58° 8.570' N	2° 33.146' W	90	569386.9024	6405837.721	57° 47.351' N	1° 49.976' W
45	526540.3281	6444699.503	58° 8.569' N	2° 32.952' W	91	569128.3692	6405712.294	57° 47.286' N	1° 50.239' W
46	526564.1407	6444294.689	58° 8.351' N	2° 32.930' W	92	569177.0041	6405604.785	57° 47.227' N	1° 50.192' W

ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)	ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)
93	568839.1192	6405451.201	57° 47.148' N	1° 50.536' W	142	564850.7485	6405734.237	57° 47.336' N	1° 54.555' W
94	568869.836	6405364.17	57° 47.101' N	1° 50.506' W	143	566176.3136	6406432.739	57° 47.701' N	1° 53.206' W
95	568759.7674	6405300.177	57° 47.067' N	1° 50.618' W	144	566144.5636	6406464.489	57° 47.718' N	1° 53.237' W
96	568761.0473	6405195.228	57° 47.011' N	1° 50.619' W	145	566438.2517	6406639.114	57° 47.810' N	1° 52.938' W
97	568604.9035	6405087.719	57° 46.954' N	1° 50.778' W	146	566390.6266	6406750.239	57° 47.870' N	1° 52.984' W
98	568640.7398	6405008.367	57° 46.911' N	1° 50.743' W	147	568097.1925	6407647.178	57° 48.338' N	1° 51.247' W
99	568484.596	6404900.858	57° 46.855' N	1° 50.903' W	148	570617.3538	6408988.619	57° 49.037' N	1° 48.679' W
100	568551.1491	6404813.827	57° 46.807' N	1° 50.837' W	149	570918.9794	6409155.307	57° 49.124' N	1° 48.372' W
101	568320.7729	6404688.4	57° 46.742' N	1° 51.072' W	150	570831.6667	6409377.557	57° 49.245' N	1° 48.456' W
102	568348.93	6404619.287	57° 46.704' N	1° 51.044' W	151	570776.1041	6409631.557	57° 49.382' N	1° 48.507' W
103	568228.6225	6404573.212	57° 46.680' N	1° 51.167' W	152	570442.7284	6409552.182	57° 49.343' N	1° 48.845' W
104	568274.6977	6404501.54	57° 46.641' N	1° 51.121' W	153	570395.1033	6409663.308	57° 49.403' N	1° 48.892' W
105	568082.7176	6404350.515	57° 46.562' N	1° 51.318' W	154	570093.4777	6409583.932	57° 49.363' N	1° 49.198' W
106	568151.8305	6404240.447	57° 46.502' N	1° 51.250' W	155	570069.6652	6409639.495	57° 49.393' N	1° 49.221' W
107	568000.8061	6404194.371	57° 46.478' N	1° 51.403' W	156	569950.6024	6409639.495	57° 49.394' N	1° 49.341' W
108	568064.7995	6404102.221	57° 46.428' N	1° 51.340' W	157	569942.6649	6409726.808	57° 49.441' N	1° 49.347' W
109	567752.5119	6403940.958	57° 46.344' N	1° 51.658' W	158	569855.3522	6409726.808	57° 49.442' N	1° 49.436' W
110	567581.0097	6402850.511	57° 45.758' N	1° 51.849' W	159	569855.3522	6409806.183	57° 49.485' N	1° 49.434' W
111	567496.5384	6402865.869	57° 45.767' N	1° 51.934' W	160	569791.8521	6409798.245	57° 49.481' N	1° 49.498' W
112	567289.1999	6401775.422	57° 45.181' N	1° 52.161' W	161	569760.1021	6409869.683	57° 49.520' N	1° 49.529' W
113	567191.93	6401762.624	57° 45.175' N	1° 52.260' W	162	569212.4135	6409734.745	57° 49.452' N	1° 50.085' W
114	567040.9057	6400782.245	57° 44.648' N	1° 52.428' W	163	569093.3507	6410060.183	57° 49.629' N	1° 50.199' W
115	566912.9189	6400805.283	57° 44.662' N	1° 52.557' W	164	569069.5382	6411131.748	57° 50.207' N	1° 50.205' W
116	566767.0141	6400132.073	57° 44.300' N	1° 52.715' W	165	569887.1023	6411393.686	57° 50.340' N	1° 49.374' W
117	566711.3625	6397989.893	57° 43.147' N	1° 52.807' W	166	569863.2898	6411679.437	57° 50.494' N	1° 49.393' W
118	565656.4063	6397233.158	57° 42.748' N	1° 53.882' W	167	570069.6652	6411742.937	57° 50.527' N	1° 49.184' W
119	563632.3398	6395804.405	57° 41.996' N	1° 55.942' W	168	570022.0401	6411909.625	57° 50.617' N	1° 49.229' W
120	562759.213	6395161.466	57° 41.657' N	1° 56.831' W	169	569426.7264	6412520.813	57° 50.952' N	1° 49.820' W
121	562612.369	6395272.591	57° 41.718' N	1° 56.977' W	170	567672.5354	6414425.817	57° 51.994' N	1° 51.560' W
122	561485.2418	6394288.339	57° 41.197' N	1° 58.126' W	171	562417.8999	6415791.07	57° 52.776' N	1° 56.852' W
123	560508.9273	6393375.525	57° 40.713' N	1° 59.122' W	172	557643.4841	6417045.197	57° 53.490' N	2° 1.663' W
124	560119.989	6393542.213	57° 40.806' N	1° 59.511' W	173	553932.6954	6419323.264	57° 54.746' N	2° 5.387' W
125	559850.1135	6393685.088	57° 40.885' N	1° 59.781' W	174	553869.1953	6419164.514	57° 54.660' N	2° 5.453' W
126	559667.5506	6393891.463	57° 40.998' N	1° 59.961' W	175	554575.6342	6418680.326	57° 54.394' N	2° 4.745' W
127	559596.113	6394097.839	57° 41.109' N	2° 0.030' W	176	554424.8214	6418386.637	57° 54.237' N	2° 4.901' W
128	559588.1755	6394216.902	57° 41.174' N	2° 0.036' W	177	553678.6949	6418878.763	57° 54.508' N	2° 5.650' W
129	559691.3632	6394335.964	57° 41.237' N	1° 59.931' W	178	553623.1323	6418799.388	57° 54.465' N	2° 5.707' W
130	559707.2382	6394502.652	57° 41.327' N	1° 59.912' W	179	553448.5069	6418918.451	57° 54.531' N	2° 5.882' W
131	559707.2382	6394677.278	57° 41.421' N	1° 59.909' W	180	553385.0068	6418839.076	57° 54.489' N	2° 5.948' W
132	560921.6781	6395534.529	57° 41.873' N	1° 58.674' W	181	551892.7538	6419728.078	57° 54.978' N	2° 7.447' W
133	561707.4922	6396161.593	57° 42.204' N	1° 57.874' W	182	551726.066	6419513.765	57° 54.864' N	2° 7.618' W
134	561858.305	6396280.656	57° 42.267' N	1° 57.720' W	183	551487.9405	6419624.89	57° 54.925' N	2° 7.858' W
135	561850.3675	6396455.281	57° 42.361' N	1° 57.726' W	184	551456.1904	6419529.64	57° 54.874' N	2° 7.892' W
136	562366.306	6396939.47	57° 42.618' N	1° 57.199' W	185	547277.0883	6422149.02	57° 56.314' N	2° 12.092' W
137	563080.6824	6397368.095	57° 42.843' N	1° 56.473' W	186	547388.2136	6422379.208	57° 56.437' N	2° 11.976' W
138	564128.4345	6398177.722	57° 43.270' N	1° 55.405' W	187	545530.8348	6423911.149	57° 57.274' N	2° 13.841' W
139	564334.8099	6400320.851	57° 44.424' N	1° 55.163' W	188	542828.1107	6426213.028	57° 58.531' N	2° 16.556' W
140	564620.5605	6403289.482	57° 46.021' N	1° 54.827' W	189	539581.6667	6428935.596	58° 0.016' N	2° 19.821' W
141	564826.9359	6405408.799	57° 47.161' N	1° 54.584' W	190	537553.6314	6430658.037	58° 0.955' N	2° 21.863' W

ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)	ID	Easting (m) UTM 30N	Northing (m) UTM 30N	Latitude (ddm)	Longitude (ddm)
191	538196.5702	6431435.914	58° 1.370' N	2° 21.203' W	240	509110.9028	6453747.396	58° 13.487' N	2° 50.693' W
192	535267.6268	6433912.419	58° 2.720' N	2° 24.155' W	241	509173.1901	6453816.378	58° 13.524' N	2° 50.630' W
193	534184.1559	6434825.233	58° 3.217' N	2° 25.248' W	242	509386.4617	6454057.299	58° 13.654' N	2° 50.411' W
194	533604.7172	6434118.794	58° 2.838' N	2° 25.844' W	243	509639.0202	6454351.629	58° 13.812' N	2° 50.152' W
195	529842.3347	6437349.363	58° 4.596' N	2° 29.643' W	244	509886.0736	6454650.461	58° 13.973' N	2° 49.899' W
196	529588.3342	6437547.801	58° 4.704' N	2° 29.900' W	245	510127.5473	6454953.011	58° 14.136' N	2° 49.652' W
197	530207.4604	6438158.99	58° 5.030' N	2° 29.265' W	246	510364.4516	6455260.062	58° 14.301' N	2° 49.409' W
198	528143.7063	6439905.243	58° 5.980' N	2° 31.352' W	247	510409.2609	6455319.797	58° 14.333' N	2° 49.363' W
199	525306.0444	6442278.56	58° 7.269' N	2° 34.225' W	248	510489.7529	6455411.81	58° 14.382' N	2° 49.280' W
200	525306.0444	6441762.622	58° 6.991' N	2° 34.229' W	249	510742.1432	6455706.033	58° 14.541' N	2° 49.022' W
201	525083.7939	6441794.372	58° 7.009' N	2° 34.455' W	250	510989.0285	6456004.831	58° 14.701' N	2° 48.769' W
202	524996.4813	6442540.498	58° 7.411' N	2° 34.539' W	251	511107.9004	6456153.825	58° 14.781' N	2° 48.647' W
203	524432.9176	6443064.374	58° 7.695' N	2° 35.110' W	252	511231.2673	6456308.284	58° 14.864' N	2° 48.520' W
204	524607.543	6443286.625	58° 7.814' N	2° 34.930' W	253	511467.9269	6456615.297	58° 15.029' N	2° 48.277' W
205	524694.8557	6443223.125	58° 7.780' N	2° 34.842' W	254	511699.083	6456926.879	58° 15.197' N	2° 48.040' W
206	524853.606	6443342.187	58° 7.844' N	2° 34.679' W	255	511924.6618	6457242.173	58° 15.367' N	2° 47.808' W
207	524868.7408	6443604.524	58° 7.985' N	2° 34.662' W	256	512144.663	6457561.021	58° 15.538' N	2° 47.583' W
208	520968.3764	6442109.657	58° 7.191' N	2° 38.644' W	257	512359.1631	6457884.433	58° 15.712' N	2° 47.362' W
209	520313.2879	6441858.587	58° 7.058' N	2° 39.313' W	258	512568.0901	6458210.616	58° 15.887' N	2° 47.147' W
210	518022.9088	6440980.796	58° 6.591' N	2° 41.649' W	259	512771.5169	6458541.282	58° 16.065' N	2° 46.938' W
211	518019.9581	6440979.665	58° 6.590' N	2° 41.652' W	260	512968.4393	6458874.713	58° 16.245' N	2° 46.736' W
212	517792.3333	6440892.427	58° 6.544' N	2° 41.884' W	261	513159.7875	6459211.766	58° 16.426' N	2° 46.539' W
213	517792.2987	6440892.414	58° 6.544' N	2° 41.884' W	262	513345.6413	6459552.44	58° 16.609' N	2° 46.348' W
214	517788.9412	6440891.127	58° 6.543' N	2° 41.888' W	263	513525.0715	6459895.797	58° 16.794' N	2° 46.163' W
215	505117.1271	6436034.636	58° 3.946' N	2° 54.796' W	264	513698.8529	6460242.848	58° 16.981' N	2° 45.984' W
216	506316	6437015	58° 4.473' N	2° 53.575' W	265	513798.0728	6460448.436	58° 17.091' N	2° 45.882' W
217	507040	6437767	58° 4.878' N	2° 52.838' W	266	513887.1453	6460637.48	58° 17.193' N	2° 45.790' W
218	507795	6438707	58° 5.383' N	2° 52.068' W	267	514049.0149	6460989.887	58° 17.382' N	2° 45.623' W
219	508442	6439746	58° 5.943' N	2° 51.407' W	268	514204.387	6461345.048	58° 17.574' N	2° 45.463' W
220	508994	6440936	58° 6.583' N	2° 50.842' W	269	514352.4076	6461702.802	58° 17.766' N	2° 45.310' W
221	509349	6441886	58° 7.095' N	2° 50.479' W	270	514495.8787	6462063.314	58° 17.960' N	2° 45.162' W
222	509560	6442760	58° 7.566' N	2° 50.262' W	271	514631.923	6462426.571	58° 18.156' N	2° 45.021' W
223	509672	6443375	58° 7.897' N	2° 50.146' W	272	514761.4796	6462791.563	58° 18.352' N	2° 44.887' W
224	509788	6444177	58° 8.329' N	2° 50.026' W	273	514885.5573	6463159.228	58° 18.550' N	2° 44.759' W
225	509820	6445320	58° 8.945' N	2° 49.990' W	274	515002.2948	6463528.625	58° 18.749' N	2° 44.638' W
226	509733	6446526	58° 9.595' N	2° 50.076' W	275	515113.482	6463899.912	58° 18.949' N	2° 44.522' W
227	509562	6447386	58° 10.059' N	2° 50.248' W	276	515217.3294	6464273.783	58° 19.150' N	2° 44.414' W
228	509370	6448231	58° 10.514' N	2° 50.442' W	277	515289.4338	6464548.715	58° 19.298' N	2° 44.339' W
229	509202	6448727	58° 10.782' N	2° 50.612' W	278	515300.7249	6464591.768	58° 19.321' N	2° 44.328' W
230	509071	6449114	58° 10.990' N	2° 50.745' W	279	515315.6328	6464648.611	58° 19.352' N	2° 44.312' W
231	508647	6450078	58° 11.510' N	2° 51.175' W	280	515316.5407	6464654.99	58° 19.355' N	2° 44.311' W
232	508084	6451087	58° 12.055' N	2° 51.748' W	281	515330.8259	6464697.914	58° 19.378' N	2° 44.296' W
233	507393.029	6452043.959	58° 12.571' N	2° 52.451' W	282	516099.13	6463801.599	58° 18.893' N	2° 43.513' W
234	507463.6426	6452106.119	58° 12.605' N	2° 52.379' W					
235	507750.5357	6452367.393	58° 12.745' N	2° 52.086' W					
236	508031.9212	6452634.274	58° 12.889' N	2° 51.798' W					
237	508308.5806	6452905.669	58° 13.035' N	2° 51.515' W					
238	508581.6053	6453181.658	58° 13.183' N	2° 51.235' W					
239	508849.0458	6453462.234	58° 13.334' N	2° 50.962' W					