

Notification of Site Survey in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

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

The following numbered paragraphs correspond to the questions on the notification form and are intended to assist applicants in completing the form. 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

This form will be used to determine whether the survey activities described will have a negative impact on any European Protected Species (EPS) within the survey area, and as a result it will allow a decision to be made regarding whether or not an EPS licence is required.

NOTE: Should this survey work involve benthic sampling and/or instrument deployments, a Marine Benthic Sampling/Instrument Deployment form must also be completed.

Explanatory Notes

1. Applicant

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

2. 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.)

3. 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) but not normally exceeding 3 years. After this period, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing work. 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.

4. Type of Application

If applying for an amendment please enclose a copy of the original consent letter with this application or provide the consent reference number, and provide details of the amendments to be made to the consent.

5. Type of Survey

Best describe the type of work proposed. Where the project involves a number of elements, please complete all appropriate boxes.

6. Benthic Sampling/Equipment Deployment

7. Survey Description

Provide a summary of the work to be undertaken. For seismic and other geophysical surveys, give details of the number of surveys to be run. For benthic surveys/sediment removal, include details such as the number of grabs/cores to be taken and the expected quantity of material that will be removed.

If it is necessary to deploy buoys during the course of the work, give details of the expected type and size. Similarly, if there are to be deposits on the sea bed, give a description of what is to be deployed including the number of items, dimensions and whether they will be permanent or temporary deposits.

If appropriate, proposed measures to ensure the marine environment is adequately safeguarded during the survey should also be described (i.e. mitigation measures), as should those taken to minimise any interference with other uses of the sea or foreshore.

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.

8. Details of Survey Equipment

Depending on the type of survey being undertaken, please include the details below:

Seismic surveys:

- Energy source type
- Energy source volume (cu in)
- Shot interval (seconds)

Surveys involving towed equipment:

- No of cables:
- Length of towed equipment, including tail-buoys (m):
- Width of towed equipment (m):
- Depth of towed equipment (m):

9. Survey Location

Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points of the proposed project. In a few cases 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 8, 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 works in relation to the surrounding area;
 - 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.**

10. Details of Vessels

The table must be completed as the information contained within it is important in the decision making process. Please note a licence cannot be issued without these details.

11. Marine Mammal Observer(s)

This section will not be applicable to all surveys.

12. Passive Acoustic Monitoring

This section will not be applicable to all surveys.

13. Consultation

Indicate all contacts made and whether any bodies require to issue a consent for the works.

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) should be given, and if appropriate, copies of any correspondence should be submitted with your application.

Similarly, Consenting Authorities also have a duty to ensure marine projects will not have a significant adverse impact on historical monuments and protected wrecks. All details of consultations with Historic Scotland should be given, and if appropriate, copies of any correspondence should be submitted with your application. For surveys involving sediment removal, it should be investigated as to whether any sites in the locality are designated bathing water sites and if so, ideally all physical works should be done outwith the Bathing Water Season (1st June to 15th September). Further guidance on the Bathing Waters Directive (2006/7/EC) can be obtained from www.sepa.org.uk/data/bathingwaters.

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

14. Designated Wrecks and/or 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 etc.

15. 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.

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".

Additionally, the details of any surveys involving trawling should be provided to one of the following contacts at least 14 days before the proposed start date:

Norman Preston
Fisheries Division
Area 1B South
Victoria Quay
Edinburgh
EH6 6QQ

Gillian D Smith
Fisheries Division
Area 1B South
Victoria Quay
Edinburgh
EH6 6QQ

Telephone: 0131 244 6188
E-mail: norman.preston@scotland.gsi.gov.uk

Telephone: 0131 244 6466
E-mail: gillian.d.smith@scotland.gsi.gov.uk

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.

1. Applicant Details

Title: Mr. Initials: N. Surname: Brockie

Trading Title: Beatrice Offshore Windfarm Ltd (BOWL)
(if appropriate)

Address: 1 Waterloo Street, Glasgow, G2 6AY

Name of contact:
(if different)

Position within Company: BOWL Environmental Advisor
(if appropriate)

Telephone No. 0141 224 7152 Fax No.
(inc. dialing code) (inc. dialing code)

Company Registration No. SC350248 Email Nick.Brockie@sse.com

2. Agent Details (if any)

Title Initials Surname

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

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

Company Registration No. Email

3. Duration of Survey

Start date Expected completion date

4. Notification Type

Please select all applicable boxes.

New Survey Amendment to existing survey Survey Equipment Test

5. Type of Survey

Instrument Deployments

- Regional
- Reservoir
- Site
- OBC / OBS
- Multi-component 4C (shear wave measurement)
- Marine vibrosis
- Refraction Vertical
- seismic profile (VSP) / Borehole seismic

Gravity surveys (e.g. gradiometric survey)

Magnetic surveys (e.g. electromagnetic survey)

Other (please specify)

6. Benthic Sampling/Equipment Deployment

Will benthic sampling (e.g. grabs or boreholes etc) or equipment deployment (e.g. waverider buoys or ADCPs) be included as part of this survey work? YES NO

If **YES**, has a Marine Licence application been completed and submitted to Marine Scotland under the Marine (Scotland) Act 2010? YES NO

If a licence has not yet been applied for, please provide an explanation as to why.

N/A

7. Survey Description

Provide a description of the survey work to be undertaken

Offshore survey (KP5 – KP70)
A gradiometer array, comprising 2 x Geometrics G-882 gradiometers will be towed approximately 3x waterdepth astern of the offshore survey vessel. This will provide the location and depth below seabed (if < 2m) of any magnetic anomalies for further investigation as potential UXO.

A small observation ROV may be deployed from the offshore vessel, if it is necessary to undertake a video inspection of any potential UXO targets, after the gradiometer data acquisition is completed.

Nearshore Survey (KP0.4 to KP5)
In the shallow water area nearshore (< 15m depth) an autonomous underwater vehicle (AUV) mounted magnetometer will be deployed, controlled from beach, or the 11m RIB support vessel.

8. Details of Survey Equipment

Attachment 1 contains the Survey Equipment Specifications. All survey equipment to be used in the UXO gradiometer survey and UXO AUV magnetometer survey is passive. No acoustic survey equipment will be used.

9. Survey Location

Location (e.g. Southern North Sea)	Moray Firth
Minimum distance from nearest coastline:	350m
Approximate National Grid References (NGR) or latitude and longitude co-ordinates for corners of survey area:	Latitude and longitude coordinates: 57 40.0320 N 3 02.9334 W 58 10.5240 N 2 57.8946 W 58 9.8640 N 2 56.9358 W 57 39.8520 N 3 01.8336 W
Survey Area (km ²):	
Approximate National Grid References (NGR) or latitude and longitude co-ordinates for corners of greater work area (if different):	See above Datum (if appropriate): WGS84
Greater work area (km ²):	70 km ²
Total sail (transect) line length (km) – if appropriate:	2 x 70 km routes, 1 x 1.3km Infield connector route, estimated line kilometers to complete survey coverage is c. 1325 km
Sail (transect) line spacing (m) – if appropriate:	Variable 2.5m to 10m, depending on location on cable route

10. Details of Vessel(s)

No of vessels involved ¹ :	2
Name:	MV Northern Wind, CRC Atlas
Type of Vessel:	Survey vessel, Cabin RIB
Operator Name & Address	CLINTON Marine Survey AB Skolvågen 4, SE-121 32 Enskededalen Sweden
Vessel Role (e.g. source, guard, fisheries liaison)	Survey / support
Will the vessel be stationery for extended periods of time? (If yes, indicate how approximately how long for.)	No
Will Dynamic Global Positioning System (DGPS) be used?	Yes
Does the vessel have cowled/ ducted propellers?	TBC

11. Marine Mammal Observer(s)

Will Marine Mammal Observer(s) be present during the survey work?
If **YES**, how many will there be and which organisation will provide them?

YES NO

12. Passive Acoustic Monitoring

Has Passive Acoustic Monitoring (PAM) been arranged?
If **YES**, which organisation will provide the PAM?

YES NO

13. Consultation

Interested Parties/Regulators	Contacted?	Consent Required?	Reference No.
Nature Conservation Bodies	No	N/A	
Historic Scotland	No	N/A	
Land Owner (e.g. The Crown Estate)	No	N/A	
Local Port or Harbour Authority	No	N/A	NtM for issue
Fishing Organisations	Yes	No	NtM for issue
Scottish Environment Protection Agency (SEPA)	No	N/A	
Local Planning Authority (LPA)	No	N/A	
Others			

If discussions with conservation bodies (either nature or historic) have been undertaken, provide details below:

If discussions with fisheries organisations have been undertaken, has a Fisheries Liaison been arranged? YES NO

If **YES**, how many will there be and which organisation will provide them?

Fisheries Liaison advice to BOWL is provided by Brown and May Marine (BMM) Ltd. A separate arrangement for FLO services during the UXO will be in place. The FLO services provided may be shore based or vessel based. A single FLO will be employed.

14. Designated Wrecks and/or Conservation Areas

Are any parts of the proposed survey located within the boundaries of a designated area? YES NO

If yes, please specify the type of designation, identify the specific site(s) and indicate approximate distance of the survey from the boundary of the nearest conservation area(s)

15. 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.

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

06/07/2016

Name in BLOCK LETTERS

Nick Brockie

Position within company
(if appropriate)

BOWL Consents & Stakeholder Manager

Please check carefully the information you have given and that all the enclosures (including copies) have been included.

Application Check List

- Completed application form x 1
- Maps/Charts x 1
- Additional environmental information, e.g. Photographs, Environmental Impact Assessment etc (if required) x 1

X

X