Permit Receipt Centre
Natural Resources Wales
29 Newport Road
Cambria House
Cardiff
CF24 0TP
Tel: 0300 065 3000
Email: permitreceiptcentre@naturalresourceswales.gov.uk

APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Marine Works include, but are not limited to, coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, grab samples and outfall pipes under the Marine and Coastal Access Act 2009

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Licensing Authority, the Welsh Ministers.

- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.

  - For application and supporting documents less than 10MB we can accept an additional copy via email.
  - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
  - When applications and supporting documents are hard copy only **16** copies will be required.

- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form

- Please submit marine licence applications, including this form and all supporting documents, **at least 4 months before the licence is required.**

  Some projects may raise matters that require a significantly longer time for consideration. These are most likely to be:

  - Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
  - Large scale projects with substantial volumes of material being deposited or excavated
  - Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017.

- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

A licence fee is payable in respect of an application. Details of fees can be found on our web pages.

Please note applications will not be processed without the correct relevant fee or invoicing details.

- Payments can be made via Cheque, BACS or credit/debit card.
  - Cheques should be crossed and made payable to **Natural Resources Wales**.
  - For BACS payments ensure you provide the reference number (not remittance number)

- For credit/debit card payments please complete the CC1 form and submit with the application. The CC1 form can be found on our web pages

Further information on payment methods can be found on our web pages

- **All activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, http://naturalresources.wales. The results of your WFD assessment must be attached to your marine licence application.**

- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

  Your application may not be considered complete and therefore not processed until key information has been submitted. Your application may be returned if you fail to submit outstanding information within given timescales.

- Please note any licence may have conditions that must be discharged before works can commence. This will take additional time.
- If you have any queries with regards to completing this application please contact the MLT: marinelicensing@naturalresourceswales.gov.uk

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.

- Checked and acknowledged by the MLT within 21 days of receipt of application and payment

- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer

- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete

- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature)*

- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT

- Your application and supporting documents will be sent to for an initial consultation period of 28 days *(42 days for EIA projects)*

- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*).
  For EIA projects a second public notice will be required. The MLT will advise on how this should be done.

- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

All information submitted may be referred to within a licence, therefore all works must be in accordance with this information, unless otherwise agreed with NRW acting on behalf of the Licensing Authority during the determination process.

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

Application Form Structure

1. Project Description and Cost
2. Applicant Details
3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works
4. Environmental Impact Assessment (EIA)
5. Licensable Period
6. Project Description
7. Methods Statement
8. Materials of Project
9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding
10. Temporary Works
11. Dredge and Disposal of Dredge Material
12. Protected Sites
13. Other Consents
14. Statutory Powers
15. Public Register
16. Application Fee
17. Declaration

Check List

Please ensure that you have included all the necessary information before you submit you application. **If any of the below are not completed in the application form, the application is likely to be considered incomplete and may be returned to you**

Item	Yes (√)
The applicant is a legal entity?	√
The declaration is signed by the applicant?	√
Is the application fee correct?	√
Are the grid references/coordinates correct?	√
Do the coordinates match map locations?	√
Have all the relevant supporting documents been submitted?	√
Has a clear methodology been provided in the application form?	√
Has Protected sites information been included?	√
Has a Water Framework Directive (WFD) assessment been submitted?	√
Are all the continuation sheets for application questions appended with correct corresponding numbers?	√

Should you have any queries regarding you application please contact the MLT via marinelicensing@naturalresourceswales.gov.uk

1. Project Description and Cost

1 (a). Project Name

Project Erebus Floating Offshore Wind Farm

1(b). Please provide a brief description of the proposed project, including location

The Project is a demonstration scale Floating Offshore Wind development. The array is located approximately 35 km southwest of the Pembrokeshire coastline, covering an area of 43.5 km^2 in water depths of between 65-85 m. The array area is located outside of the 12 nm limit, but all elements of the Project, array area, offshore export cable corridor and landfall, fall within Welsh territorial waters or the Welsh Zone.

The Project comprises 6-10 Wind Turbine Generators (WTG) with a total generating capacity up to 100 MW. Each WTG is housed on a semi-submersible floating platform with a mooring system comprising a maximum of five catenary mooring lines, up to 870 m in length, and a range of foundation options including drag embedment anchors, driven piles, drilled piles and/or suction piles. Up to 10 dynamic array cables are proposed, with a lazy wave configuration from the semi-submersible floating platform to the seabed. The offshore export cable, up to 49 km in length, links the array area to landfall at West Angle Bay, Pembrokeshire.

This marine licence application covers all components of the project from mean high-water springs (MHWS) at landfall, West Angle Bay, the export cable corridor and the array area. This is defined as the proposed development and comprises:

- 6-10 WTGs with associated semi-submersible floating platforms;
- Up to five catenary mooring lines per platform, up to 870 m in length, and a range of foundation options including drag embedment anchors, driven piles, drilled piles and/or suction piles;
- Up to 23 km array cables;
- Up to 49 km offshore export cable;
- Export and inter-array cable protection;
- Preparatory seabed works, including sandwave levelling *
- Two options for landfall works (Horizontal Directional Drilling along a northern or southern alignment or Open Cut Trenching along the northern alignment)
- All associated works required to install, test, commission and complete the aforementioned WTG, semi-submersible floating platforms, array and offshore export cable;
- All associated works required to operate, maintain, repair and decommission the aforementioned WTG, semi-submersible floating platforms, array and offshore export cable; and
- One UXO deflagration (low order) clearance event.

* Details of proposed dredging and/or disposal of dredge material are included in a separate Application Form submitted in support of this main Application Form.

1(c). Please provide an estimated gross cost of the project (Inc. materials and labour) for works that fall below/seaward of Mean High Water Springs (MHWS)

£300-£400 million

2. Applicant Details

To whom the licence will be issued. *This must be a legal entity such as an individual, registered company/ charity or public body.*

Title	Mr	Full Name	Ben Huskinson
Company or Trading Name	Blue Gem Wind		
Company Registration Number (if applicable)	11116383		
Name of Contact or individual (if different)			
Position in Company	Consenting Manager		
Address inc. postcode (provide registered Company address if applicable)	Blue Gem Wind Ltd. Bridge Innovation Centre, Pembrokeshire Science and Technology Park, Pembroke Dock, Wales, SA72 6UN		
Telephone Number	00353 086 8825432		
Email Address	Ben.huskinson@bluegemwind.com		

3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works

3(a). Agent Details

This is who we will correspond with unless otherwise informed. If no agent we will contact the applicant.

Title	Mrs	Full Name	Lara Lawrie
Company or Trading Name	MarineSpace Ltd		
Company Registration Number (if applicable)	5945946		
Name of Contact or individual (if different)	Jonny Lewis		
Position in Company	Senior Consultant		

Address (Inc. postcode)	Marine Energy Hub, First Floor Pier House, Pier Road, Pembroke Dock, Pembrokeshire, SA72 6TR
Telephone Number	07506 577153
Email Address	Lara.lawrie@marinespace.co.uk

3(b). Does the Applicant wish to be included in all correspondence? Yes ☒No ☐

3(c). Contractor Details

In order for contractors to benefit from the licence permission, details must be provided. *Any details not provided with application must be confirmed before operations commence.*

Contractor Company or Trading Name	Address
TBC	TBC – details to be provided prior to the commencement of operations

3(d). Will the works require the use of vessels? Yes ☒No ☐

3(d) (i).Vessel Details (if applicable and available)

In order for contractors to benefit from the licence permission, details must be provided. *Any details not provided with application must be confirmed before operations commence.*

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
TBC	TBC	Cable lay vessel	TBC	TBC
TBC	TBC	Crew transfer vessel	TBC	TBC
TBC	TBC	Trailing Suction Hopper Dredging vessel	TBC	TBC
TBC	TBC	Flexible Fall Pipe Vessel	TBC	TBC
TBC	TBC	Rigid inflatable boat (RIB)	TBC	TBC
TBC	TBC	Survey vessel	TBC	TBC
TBC	TBC	Dive support vessel	TBC	TBC

TBC	TBC	Pre lay grapnel run vessel	TBC	TBC
TBC	TBC	Shallow draught barge	TBC	TBC
TBC	TBC	Guard vessel	TBC	TBC
TBC	TBC	Anchor Handling Tugs	TBC	TBC
TBC	TBC	Platform Installation Vessel	TBC	TBC
TBC	TBC	Tow vessel	TBC	TBC

3(e). Will the works require the use of vehicles? Yes ☒No ☐

3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS
In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Operator	Type/Description of Vehicle
TBC	Menzi Muck Spider Excavator (or similar)
TBC	Service crane
TBC	Ancillary lifting/loading vehicles

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?
These details will need to be confirmed prior to the licence and operations commencement

Information regarding contractor and vessels will be confirmed once an installation contractor is contracted. The tender process is anticipated to commence 2023 and details should be available from 2024 onwards.

4. Environmental Impact Assessment (EIA)

Certain projects, due to their scale, location and/or nature, may require an EIA under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended). If a project qualifies under EIA, an Environmental Statement (ES) must be prepared and submitted with the application.

Projects that fall within Annex I of the Directive automatically require an EIA. Projects that fall within Annex II of the Directive are assessed on a case-by-case basis for the requirement for an EIA to be undertaken.

4(a). Do you consider the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended)? Yes ☒No ☐

4(a) (i) If Yes, which Annex does the proposal fall under? Annex I☐ Annex II☒

4(a) (ii) Which number(s) within the Annex does the proposal relate to?

21 - Installations for the harnessing of wind power for energy production (wind farms).

4(b). Have you applied for a screening or scoping opinion from the MLT under the Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)? Yes ☒No ☐

4(b) (i). If Yes, please provide the reference number SC1905

4(c). Has an Environmental Impact Assessment been undertaken? Yes ☒ No ☐

4(c)(i).If Yes, has an Environmental Statement been submitted to support this Marine Licence application? Yes ☒ No ☐

4(d). If an Environmental Impact Assessment has been undertaken, but an ES has not been submitted, please provide an explanation

NA

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

5. Licensable Period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the Requested Licence Expiry Date you may be required to submit a new application. *Including a contingency period within your original application does not impact on Licence Fee*

Start Date 01/01/2025 **Requested Licence Expiry Date** 31/12/2054

*Please ensure you submit your application for a Marine Licence **at least 4 months** prior to the intended start date. Some projects, such as EIA projects, will take significantly longer to determine.*

6. Project Description

6(a). Please give a description of the proposed project.
This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

Details should include, but not be limited to, dimensions of project, quantity of material being deposited and removed.

The array area covers an area of 43.5 km^2 in water depths of between 65-85 m.

The offshore export cable corridor is between 100-450 m wide and 49 km long.

The proposed development comprises:

- 6-10 WTGs with associated semi-submersible floating platforms;
- Maximum dimensions of the floating platforms (x 3 sides): 112 x 123 x 96 m;
- Maximum footprint (per platform; base of hull assumed solid triangle): 4,264 m^2;
- WTGs will potentially range in capacity from 9.5 MW to 18 MW;
- Maximum tip height will be 270 m;
- Up to five catenary mooring lines per platform, up to 870 m in length with associated clump weights;
- Maximum number of 35 mooring lines;
- A range of foundation options including drag embedment anchors, driven piles, drilled piles and/or suction piles;
- Maximum of 63 drag embedment anchors;
- Maximum of 35 piling locations (within array);
- Volume of material removed via drilled piles = 11,340 m^3;
- Up to 23 km of inter array cables;
- Up to 49 km offshore export cable;
- Export cable protection: 83,380 m^2;
- Inter array cable protection and stabilisation: 67,250 m^2;
- HDD exist point rock protection: 210 m^2;
- Navigation aid/ADCP mooring blocks: 500 m^2;
- All associated works required to install, test, commission and complete the aforementioned WTG, semi-submersible floating platforms, array and offshore export cable;
- Offshore construction is currently planned to take 8 months;
- All associated works required to operate, maintain, repair and decommission the aforementioned WTG, semi-submersible floating platforms, array and offshore export cable;
- One UXO deflagration (low order) clearance event;
- Up to 5 x export cable repairs over the operational phase of the Project (25 years), with each repair affecting an area of 1,000 m length x 50 m width = footprint of disturbance of 50,000 m^2 per export cable repair and 250,000 m^2 for all 5 x export cable repairs;
- Up to 12 export cable remediation events over the operational phase of the Project (25 years), with each remediation event affecting an area of 1,000 m length x 50 m width = footprint of disturbance of 50,000 m^2 per remediation event and 600,000 m^2 for all 12 x export cable remedation events;

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

- Preparatory works (sandwave levelling) ahead of mooring line and inter-array cable installation: 20,200 m^2;
- All sand removed prior to works will be returned to as close as removal location as possible, i.e. within the consent application area;
- Two (2) options for landfall works:
- Option 1 (base case): HDD works with an exit point in the shallow-subtidal section of West Angle Bay, northern or southern alignment: Estimated duration = 21 weeks;
- Temporary flotation pits may need to be constructed to support the HDD works: Dimensions of the flotation pits = 160 m length x 45 m width x 5 m deep (total footprint of 7,200 m^2);
- Option 2 (contingency): Open cut trenching on West Angle beach. 650 m length x 10 m width of disturbance (6,500 m2). Of this 10 m width, the cut trench would be 3 m width, with a 3.5 m width either side of the trench (7 m total) for temporary storage of spoil material / vehicular access, northern alignment only: Estimated duration = 13 weeks;
- A coffer dam would need to be constructed for Option 2, using sheet piles;

A detailed project description of the Proposed Development is provided in Chapter 4: Proposed Development Description of the Erebus Environmental Statement.

6(b). Please detail the location of the proposed construction project.
This should be either Ordnance Survey National Grid Reference (i.e. AB 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long -4.1234), defining the extent of the project. **Please specify which coordinate system has been used.**

The proposed development lies approximately 35 km south west of the coast of Pembrokeshire. The coordinates for the proposed development (including array area and export cable corridor to MHWS at landfall) are defined in WGS 84 and presented in **Continuation Sheet 1: Erebus Offshore Consent Boundary Coordinates**. The offshore consent boundary is shown in Drawing 1.

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

6(c). The following must be provided with the completed application form:

(i) a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project, complete with **North Arrow** and **Scale**

(ii) construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).

(iii) a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

Please list below **all supporting documents** that have been submitted with this application, including suitable documents/maps/drawing titles and reference numbers

See **Continuation Sheet 2: Erebus ML and ES Document Register** providing a list of all documents submitted as part of the Marine Licence (application forms, continuation sheets and drawings) and the ES (list of chapters, technical appendices and figures)

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

The applicant should note that these drawings/plans may be copied to others as part of the MLT's consultation procedures. If they are subject to copyright, it is the **responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit up to 16 copies with the application.**

7. Method Statement

7(a). Please provide a detailed method statement for the works
This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS

A detailed description of works within the array area, export cable corridor and at landfall is provided in Chapter 4: Proposed Development Description. This includes details of temporary structures and deposits seaward of MHWS.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

7(b). Do you intend to undertake activities that could generate underwater noise?
This include piling, use of explosives, geophysical, acoustic deterrent devices and multibean echosounders. Yes ☒ No ☐

7(b) (i). If Yes, what type(s) of activities will be undertaken?

Noise sources expected to arise from the project include:

- Ground preparation activities (PLGR, sandwave levelling via dredging/MFE)
- Turbine mooring activities (installation of drag embedment anchors, mooring lines, driven piles, drilled piles and/or suction piles);
- If piling required, the following key parameters apply:
    - (a) Total = up to 35 piling events;
    - (b) penetration depth = 52 m;
    - (c) Maximum hammer energy = 800 kJ;
    - (d) piling duration = 114 min per pile (including soft-start);
    - (e) piling duration = 66.5 hours
- Export cable installation;
- Array cable installation;
- HDD and/or open cut trenching works (landfall);
- Vessel movements; and
- One UXO deflagration (low order) clearance event

7(b) (ii). If Yes, approximately how many days will the activity be undertaken for?

- Overall offshore construction duration: 8 months
- Installation of moorings and anchors: 44 days
- Hookup of floating platforms: 30 days
- Main offshore array works: 60 days total

Overall offshore construction period = 8 months. Noise generating activities will occur at regular intervals over this period (but never constantly).

If Yes, you will be required to complete an additional form that will be provided.

7(c). Please state the measures to be taken to:

(i) Minimise risk to the marine environment

The accompanying ES contains a wide range of standard and effect-specific mitigation measures designed to minimise risk/damage to the marine environment.

(ii) Prevent undue interference to others

The accompanying ES contains a wide range of standard and effect-specific mitigation measures designed to prevent undue interference to others. These include, but are not limited to:

- Use of project-specific Fisheries Liaison Officers (FLO);
- Issuing of NtMs to a wide range of marine stakeholders;
- Development of a project-specific Construction Environmental Management Plan (CEMP) that lists specific measures designed to reduce impacts on other users.

(iii) Maintain navigational safety, including marking and lighting of works

The accompanying ES contains a formal project-specific Navigation Risk Assessment (NRA). This NRA has assessed all marine navigation risks and has set out proposed safety/mitigation measures. All key marine project components will be clearly marked and lit in accordance with the requirements set out by key stakeholders including the MCA, THLS and the CAA.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8. Materials of Project

8(a). Description of materials to be deposited seaward of MHWS (Please tick all that apply)

Timber	☐	Iron/Steel	☒	Concrete	☐	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☒	Gravel	☐	Plastic/Synthetics	☒
Sand	☒	Other	☐				

If other, please provide a description of materials.

N/A

8(b). Delivery method of materials to site

If sea delivery, please include details of vessels to be used with a chart of proposed route and transhipment area. If vehicle delivery, please provide the proposed access route.

The current base case for the Project is that the WTGs will be installed and commissioned on the semi-submersible floating platforms at a port facility and/or nearby sheltered waters, in the Celtic Sea region where possible. It is also anticipated that the final stages of the semi-submersible floating platform assembly, prior to WTG integration, are also undertaken at the same local port(s), if facilities are determined sufficient to support this work. However, this will be confirmed following submission of the consent application. The mooring lines will be pre-laid within the array by specialist vessels. Following deployment, the pre-installed/tensioned mooring system, cable ends will be buoyed off temporarily, for later recovery and attachment to the WTG/substructure assembly following its arrival on site. The tow of the combined semi-submersible floating platform and WTG from port to the array area would be timed when weather forecasts indicate a suitable weather window for the planned hook-up works as well as the tow. The exact routes are not currently known but will be provided prior to offshore works commencing.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8(c). Will the works involve removals seaward of MHWS? Yes ☒ No ☐

8(c) (i). Description of materials to be removed seaward of MHWS (Please tick all that apply)

Timber	☐	Iron/Steel	☐	Concrete	☐	Biocides/other chemicals	☐
Silt	☐	Stone/Rock	☐	Gravel	☐	Plastic/Synthetics	☐
Sand	☒	Other	☐				

8(c) (ii). Description of objects/materials to be removed seaward of MHWS

Including quantities to be removed.

Details of proposed dredging and/or disposal of dredge material are included in a separate Application Form submitted in support of this main Application Form.

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

For works involving any of the above, please provide the following information

9(a). Is the material to be deposited like for like to existing material? Yes ☐ No ☒

9(a)(i) If No for Beach Replenishment please provide justification why?

NA

9(b). Description of material to be deposited

Please provide the grading specification of materials to be used, if using a range of grain sizes please state the percentage by weight passing. *If unsure, please refer to the Wentworth Scale*

NA

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

9(c). Source of the material to be deposited

Including dredged or land based stating the origin of material

NA

9(d). Has the material been chemically analysed? Yes ☐ No ☐

If material has been analysed, we may request this information to determine the application

9(d) (i) If Yes, is the analysis data been included with the application? Yes ☐ No ☐

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS? Yes ☒ No ☐

This includes construction materials, removed objects/material, jetties or cofferdams

If **Yes**, please continue with section **10**

10(b). Please provide the location of temporary deposits

Please include a map/chart displaying the location of temporary deposits, if necessary.

See Drawing 11 which shows a overview of works planned for the landfall region. It is expected that a temporary coffer dam will be required along the length of the open cut trench if this (contingency) option is progressed.

10(c). Description of temporary deposits

Coffer dam

A temporary trench support system, such as sheet piling or cofferdams, may be required to provide the necessary support and stability to the open cut trench (contingency option), while minimising the extent of the excavation works on the seaward side of the beach and preventing trench flooding during the cable pull in works.

Temporary cofferdams are steel u-shaped metal structures which will surround the open cut trench working area. They are installed individually using vibro-piling techniques in the intertidal area. The cofferdam will consist of a double wall – outer and inner.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

11. Dredge and Disposal of Dredge Material

If you are undertaking Dredge and Disposal activities please also complete the Dredge and Disposal application form and submit together.

11(a). Do you intend to apply for a marine licence to dispose of dredged material to sea as part of the works in this application? Yes ☒ No ☐

12. Protected Sites

Licensing Authorities have a duty to ensure that projects will **not have significant adverse environmental impact**, particularly on any designated **European Site of Conservation Importance** - **Special Areas of Conservation (SAC) and Special Protection Areas (SPA), listed under the Habitats Directive (Council Directive 92/42/EEC on the conservation of natural habitats and of wild fauna and flora).** In addition, it is Government Policy that Wetlands of International Importance (Ramsar sites) are also considered as European Sites. There is a duty to take reasonable steps to further the conservation and enhancement of nationally designated sites (Sites of Special Scientific Interest (SSSIs).

12(a). Have you had pre-application correspondence with NRW, its legacy bodies or Natural England? Yes ☒ No ☐

12(a)(i). If Yes, please provide copies of correspondence with application and state which team(s) you have contacted?

Details of all consulation undertaken in relation to this application are included within the topic chapters of the ES and summarised in the Volume 3: Technical Appendix 2.3: Consultation Report.

12(b). Are any part of the works located *within* or *likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar) Yes ☒ No ☐

12(b)(i). If Yes, which designated site(s) may be affected?

The project boundary overlaps with the following designated sites:

- Skomer, Skokholm and Seas off Pembrokeshire SPA
- Pembrokeshire Marine SAC
- West Wales Marine SAC

Please also see Chapter 8: Offshore Designated Sites and Volume 3, Technical Appendix 8.3: Report to Inform Appropriate Assessment.

12(c). Please provide a description of all mitigation measures proposed to avoid any impact on designated conservation sites.

- Avoidance, as far as possible, of key qualifying habitats within the Pembrokeshire Marine SAC.
- Use of deflagration (low-order) technique for UXO clearance
- Use of marine mammal mitigation measures such as soft-start piling and use of MMOs/PAM.

Full details of all mitigation measures are included in topic chapters of the ES.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

12(d). If the works are not located *within* or *likely to affect* a designated conservation site, please indicated the approximate distance to the nearest designated conservation site.

N/A

Please note that if the proposed works are in or within 2km of a European Site of Conservation Importance you will have to provide suitable mitigation measure to avoid any impact on designated conservation sites.

13. Other Consents

Please detail all consents that you have applied for or received for these works

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)		Deemed Planning to be applied for in the S.36 Consent		
Name and Address of LPA for location of works	Pembrokeshire Coast National Park Authority, National Park Office Llanion Park Pembroke Dock Pembrokeshire, SA72 6DY			
Land Owners Consent such as The Crown Estate Consent	Y			
Port Authority or Local Harbour permissions		Y	TBC (MHPA Marine Works)	
Other NRW consents *such as Flood Defence or SSSI assent*		N		
Details of NRW consent				
Other consents *such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction*	Y			
Details of other consents	Section 36 with Deemed Planning Permission submitted to PEDW alongside this Marine Works application.			

14. Statutory Powers

14(a).Does the applicant have statutory powers to consent any aspect of the project?
E.g. coast protection authority, dredging powers, statutory undertakers Yes ☐ No ☒

14(a)(i).If Yes, please give details and state the relevant legislation that gives these powers

NA

15. Public Register

Under The Marine Licensing (Register of Licensing Information)(Wales) Regulations 2011 and the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended) , all information contained within or provided in support of this application will be placed on the Public Register unless NRW approve of the applicant's reasons for withholding all or part.

15. 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:

15(a). Would be contrary to the interest of National Security? Yes ☐ No ☒

15(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? 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 following reports are classed as confidential and it is requested they are not placed on the public register:

- Volume 4 (Confidential), Technical Appendix 11.7: Langley L, and Votier S., July 2021. Grassholm Gannet Project – Analysis of tracking data to inform Erebus EIA (Heriot-Watt University);
- Volume 4 (Confidential), Technical Appendix 11.8: Davies K, Padget O, and Guilford T, July 2021. An analysis of Oxnav Manx shearwater tracking data in relation to the Erebus project (University of Oxford); and
- Volume 4 (Confidential), Technical Appendix 11.9: Birkhead T, September 2021. Skomer Common Guillemot long-term population study: analysis of survival data to inform Erebus EIA (University of Sheffield).

The academic reports prepared by Heriot-Watt University, The University of Sheffield and The University of Oxford are confidential but may be shared with the regulators (NRW, JNCC, PEDW, The Welsh Ministers), on a confidential basis, in order to corroborate the modelling and analysis performed as part of the environmental impact assessment. Release of the academic reports to other statutory consultees may be possible, subject to prior written confirmation from the Applicant, Blue Gem Wind, and execution of a non-disclosure agreement with the relevant university (if appropriate).

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

16. Application Fee

16(a). What are the corresponding fee band for this application? Band 2 ☐ Band 3 ☒

16(b) Band 2 Only
Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (√)	Reference Number
Cheque		
BACS (not remittance no.)		
World Pay (phone or CC1)		

Please attach **CC1 Form** with application. Can be found on our web pages

16(c) Band 3 Application only
Band 3 applications are charged at on hourly rate of £120 and are invoiced in arrears. Please complete the details below which will be required for invoicing.

Customer Name	Blue Gem Wind Ltd
FAO	Ben Huskinson
Purchase order number	Please use reference - **Erebus FLOW Marine Licence**
Address for invoice	Blue Gem Wind Ltd. Bridge Innovation Centre, Pembrokeshire Science and Technology Park, Pembroke Dock, Wales, SA72 6UN
Telephone Number	00353 086 8825432
Email Address	Ben.huskinson@bluegemwind.com

17. Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information and can invalidate any licence granted.

Signature _____ **Date** 16/12/2021

Name *(in capitals)* **BEN HUSKINSON**

Position in Company **CONSENTING MANAGER**

*Applications cannot be processed unless signed by the **Applicant** (not agent), the applicant must have appropriate level of authority within the company.*

Applications will not be processed unless signed