

## 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 10 MB we can accept an additional copy via email
  - For applications larger than 10 MB **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](mailto: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 your 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?	
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**Should you have any queries regarding your application please contact the MLT via [marinelicensing@naturalresourceswales.gov.uk](mailto:marinelicensing@naturalresourceswales.gov.uk)**

## 1. Project Description and Cost

### 1 (a). Project Name

Mona Offshore Wind Project

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

Mona Offshore Wind Limited (the Applicant), a joint venture of bp Alternative Energy investments (hereafter referred to as bp) and Energie Baden-Württemberg AG (hereafter referred to as EnBW) is developing the Mona Offshore Wind Project. The Mona Offshore Wind Project is a proposed offshore wind farm located in the east Irish Sea.

A marine licence is required before carrying out any licensable marine activity under the Marine and Coastal Access Act 2009. Marine licences can be deemed under the DCO for licensable activities in Welsh offshore waters. As agreed with Natural Resources Wales (NRW), the marine licence for all licensable activities related to the offshore wind farm generation infrastructure (wind turbines, Offshore Substation Platforms (OSPs), inter-array cables and interconnector cables) located within the Mona Array Area will be deemed under the DCO. However, licensable activities within, or not wholly outside, 12 nm of the Welsh coast, require a separate marine licence. A separate application is therefore being made for a marine licence for the offshore export cables, interconnector cables, OSPs and related works located within the Mona Array Area and the Mona Offshore Cable Corridor. The OSPs and interconnector cables are included in both licences but will only be built under one licence.

The Mona Array Area (i.e. the area within which the offshore wind turbines (up to 96) will be located) is 300 km<sup>2</sup> in area and is located 28.8 km (15.6 nm) from the north coast of Wales, 46.9 km (25.3 nm) from the northwest coast of England and 46.6 km (25.2 nm) from the Isle of Man (when measured from Mean High Water (MHW)). The Mona Offshore Cable Corridor is the corridor between the Mona Array Area and the landfall on the North Wales coastline up to MHW, in which most of the length of the offshore export cables will be located (the export cables are linked to the OSPs located in the Mona Array Area).

Further details are provided in Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3).

Note that the Applicant has referred to MHW rather than MHWS in this response to Question 1(b). This is because the United Kingdom Ordnance Survey geographic information system (GIS) basemap only records MHW at the ML application location and MHWS is not identified. Any discrepancy between MHW and MHWS at this location is likely to be small. Therefore, the Applicant's reference to MHW should be considered the same as MHWS throughout this ML application.

### 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)

In excess of £1m.

## 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	<input type="text"/>	Full Name	<input type="text"/>
Company or Trading Name	Mona Offshore Wind Limited		
Company Registration Number (if applicable)	13497266		
Name of Contact or individual (if different)	Paul Carter		
Position in Company	Mona Consents Lead		
Address inc. postcode (provide registered Company address if applicable)	Mona Offshore Wind Limited Chertsey Road, Sunbury On Thames, Middlesex, United Kingdom, TW16 7BP		
Telephone Number	+44(0)7554331588		
Email Address	paul.carter3@bp.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	<input type="text"/>	Full Name	<input type="text"/>
Company or Trading Name	<input type="text"/>		
Company Registration Number (if applicable)	<input type="text"/>		
Name of Contact or individual (if different)	<input type="text"/>		
Position in Company	<input type="text"/>		

Address  
(Inc. postcode)

Telephone Number

Email Address

**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
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To be provided before operations commence, in accordance with the conditions of any marine licence.	
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**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
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To be provided before operations commence, in accordance with the conditions of any marine licence.				
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**3(e).** Will the works require the use of vehicle? 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
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To be provided before operations commence, in accordance with the conditions of any marine licence.	
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**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*

To be provided before operations commence, in accordance with the conditions of any marine licence.

**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?**

3. (i)

**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

Scoping Opinion provided by PINS in DCO process

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

**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 Environmental Statement has not been submitted, please provide an explanation**

Not applicable.

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  Requested Licence Expiry Date

*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 full project description is provided in Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3). A full list of licensable activities for the Mona Offshore Wind Project is provided in the Marine Licence Principles Document (Document Reference J9) and listed below.

- Activity 1 – Construction, and Maintenance of export cables, interconnector cables and substation platforms
- Activity 2 – Ground Investigation Works
- Activity 3 – Removal of accidentally dropped objects
- Activity 4 – UXO clearance
- Activity 5 – Disposal to designated site

The Mona Offshore Cable Corridor is provided in the NRW Marine Licence Application Plan (Document Reference A4), but the exact route of the offshore export cables within the licenced area will be determined during the post-consent detailed design phase.

There will be up to four offshore export cables, with a voltage of up to 275 kV. Each offshore export cable will also house fibre optic cable for communication. Where possible, the cables will be buried below the seabed. Where cable burial is not possible, cables will be protected.

The offshore export cable installation methodology, as well as the burial depth and any requirement for protection measures, will be informed by a detailed Cable Burial Risk Assessment. The offshore export cables will be buried to a target depth of 1 m with a maximum burial depth of 3 m and a minimum burial depth of 0.5 m.

The Maximum Design Scenario is that up to 20% of the total offshore export cables will require protection where the cable crosses obstacles such as exposed bedrock, pre-existing cables or pipelines that mean the cable cannot be buried. Cable protection methods being considered include rock protection, concrete mattresses, fronded mattresses and rock bags.

Where the offshore export cable crosses existing assets, these will be confirmed in agreement with the asset owners and may, for example, require rock berms or mattresses for cables to be placed on for separation and protection.

The offshore export cables will make landfall in Llanddulas, North Wales. The offshore export cables will be brought through the intertidal area to a location where they can be connected to the onshore export cables, landward of MHW. The export cable will be installed through the intertidal area via trenchless techniques.

Up to four separate OSPs will be required, and they will all be located within the Mona Array Area. The exact locations will be determined during the post-consent detailed design phase. The OSPs could be fixed to the seabed by gravity base foundations, three or six-legged jacket foundations secured by suction buckets or three or six-legged jacket foundation secured by pin-piles. The Applicant requires flexibility in foundation choice to ensure that anticipated changes in available technology can be accommodated. Section 3.5.7 of Volume 1, Chapter 3, Project description of the Environmental Statement (Document Reference F1.3) provides more detail.

These OSPs will be connected to each other by interconnector cables in order to provide redundancy in the case of cable failure. There will be up to three interconnector cables, with a voltage of up to 275 kV. The maximum total length of the interconnector cables will be 50 km.

Onshore and offshore construction is currently planned to commence in 2026.

The overall operations and maintenance strategy will be finalised once the technical specifications of the Mona Offshore Wind Project are known. Routine inspections of offshore export cables will be undertaken to ensure that the cables are buried to an adequate depth and not exposed. The onshore export cables will be continuously monitored remotely.

Decommissioning will be undertaken under a Marine Licence applied for at the appropriate time, during the project's operational phase. Schedule 14 article 6 of the draft deemed Marine Licence proposes that the deemed marine licence remains in force until the scheme has been decommissioned. The current application is not seeking to include licensable decommissioning activities, but rather a separate marine licence will be sought for decommissioning activities nearer the time.

Please see an additional sheet with a table outlining the key Transmission Assets design parameters appended to this Application Form.

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

**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.**

Coordinates have been provided as Latitude and Longitude in decimal degrees to six decimal places. Please see the NRW Marine Licence Application Plan (Document Reference A4) and separate sheet attached – due to the number of coordinates required to detail the location of the proposed construction project, coordinates have been provided in the separate sheet rather than here. Coordinates have been provided to six decimal places as some of the locations are in close enough proximity to each other that when provided to only to four decimal places they appear to be on top of each other. The coordinates are provided in the WGS 84 system. A shapefile for the Marine Licence Area has also been provided with the application.

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

**Application documents**

- Guide to NRW Marine Licence (Document Reference A2)
- NRW Marine Licence Application Letter (Document Reference A3)
- NRW Marine Licence Plan (Document Reference A4)

**Documents/maps showing the location of the Mona Offshore Wind Project**

- Location Plans (Document Reference B1)
- Offshore Order Limits and Grid Coordinates Plan (B2)
- Works Plans – Offshore and Intertidal (Document Reference B4)
- Indicative Extent of Marine Licences (Document Reference B8)
- Indicative Extent of Consents – Cross Section (Document Reference B9)

**Supporting documents**

- Offshore Statutory and Non-Statutory Nature Conservation Sites (Document Reference B10)
- Offshore Historic Environment Plan (Document Reference B12)
- Draft Development Consent Order (Document Reference C1)
- Explanatory Memorandum (Document Reference C3)
- Information to Support the Appropriate Assessment (Document Reference E1.1 – E1.3)
- HRA Stage 1 Screening Report (Document Reference E1.4)
- HRA Integrity Matrices (Document Reference E1.5)
- Marine Conservation Zone Screening Report (Document Reference E2)
- Consultation Report (Document Reference E3)
- Consultation Report – Appendices (Document Reference E3.1)
- Technical Engagement Plan (Document Reference E4)
- Technical Engagement Plan Appendices (Document Reference E4.1 – E4.3)
- Environmental Statement (Document Reference F)
- Consents and Licences Required Under Other Legislation (Document Reference J1)
- Planning Statement (Document Reference J2)
- National Policy Statement Tracker (Document Reference J2.1)
- Welsh National Marine Plan Signposting (Document Reference J2.2)
- Grid Connection and Cable Detail Statement (Document Reference J4)
- Safety Zone Statement (Document Reference J6)
- Biodiversity Benefit and Green Infrastructure Statement (Document Reference J7)
- Scoping Opinion (Document Reference J8)
- Marine Licence Principles Document (Document Reference J9)
- Mitigation and Monitoring Schedule (Document Reference J10)
- Relationship of Offshore Plans included within the DCO (Document Reference J11)
- Outline Offshore Operations and Maintenance Plan (Document Reference J12)
- Outline Fisheries Liaison and Co-existence Plan (Document Reference J13)
- Outline Vessel Traffic Management Plan (Document Reference J14)
- Offshore In-principle Monitoring Plan (Document Reference J15)
- Outline Underwater Sound Management Strategy (Document Reference J16)
- Measures to Minimise Disturbance to Marine Mammals and Rafting Birds (Document Reference J17)
- Outline Offshore Written Scheme of Investigation and Protocol for Archaeological Discoveries (Document Reference J18)
- Mona Array Site Characterisation Report (Document Reference J19)
- Mona Offshore Cable Corridor Site Characterisation Report (Document Reference J20)
- Outline Marine Mammal Mitigation Protocol (Document Reference J21)
- Outline Onshore and Intertidal Written Scheme of Investigation (Document Reference J23)
- Outline Skills and Employment Plan (Document Reference J24)
- Relationship of Onshore Plans included within the DCO (Document Reference J25).

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. Methods 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

Decisions on exact locations of infrastructure and the precise technologies and construction methods employed cannot be made at this stage of the development process. Therefore, the project description sets out the main components and parameters of the project and the design envelope approach (the 'Rochdale Envelope') has been used to provide certainty that the final project as built will not exceed these parameters, while providing the necessary flexibility to accommodate further project refinement during the detailed design phase post-consent.

Pre-construction works (in Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3, sections 3.5.2-3.5.4) will include:

- Geophysical and geotechnical surveys (section 3.5.2)
- Seabed preparation (section 3.5.4)
- Sandwave clearance (section 3.5.4)
- Unexploded ordnance clearance (section 3.5.3)
- Boulder clearance (section 3.5.4)

Construction and installation of Transmission Assets (in Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3):

- Foundation options for OSP x4 (section 3.5.7 and 3.5.8)
- Scour protection (section 3.5.8)
- OSPs (section 3.5.7)
- Offshore export cables (section 3.5.13)
- Cable protection of varying kinds (Sections 3.5.1, 3.5.8, 3.5.9)
- Cable crossings (section 3.5.13)
- Landfall (section 3.6), including trenchless techniques
- O&M (section 3.8).

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 includes piling, use of explosives, geophysical, acoustic deterrent devices and multibeam echosounders.

Yes  No

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

- Pre-construction site investigation surveys will involve the use of several geophysical/geotechnical survey techniques that generate underwater sound over up to a period of up to eight months
- Clearance of up to 22 UXOs within the Mona Array Area or Mona Offshore Cable Corridor, based on a realistic worst case across the entire offshore project area
- Piling of OSPs' jacket pin-piles
- Piling of ground-strengthening piles for gravity base foundations where necessary
- The use of Acoustic Deterrent Devices (ADDs) to deter animals.

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

The assessment has been based on a maximum design scenario approach (see Volume 2 of the Environmental Statement (Document Reference F2.1 – F2.10). Construction is expected to last for four years. Piling for the OSPs will up to a total of 12 days. During UXO clearance, one UXO will be cleared per day, totalling approximately 22 days. ADDs will only be used on days when piling or UXO clearance is occurring, so will add no extra days to the total. Further detail is presented in Volume 2, Chapter 4: Marine mammals of the Environmental Statement (Document Reference F2.4).

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

A summary of all mitigation and proposed monitoring is provided in the Mitigation and Monitoring Schedule (Document Reference J10).

- (ii) Prevent undue interference to others

A summary of all mitigation and proposed monitoring is provided in the Mitigation and Monitoring Schedule (Document Reference J10). The impacts of undue interference to others are addressed in:

- Volume 2, Chapter 6: Commercial fisheries of the Environmental Statement (Document Reference F2.6)
- Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference F2.7)
- Volume 2, Chapter 10: Other sea users of the Environmental Statement (Document Reference F2.10)
- Volume 4, Chapter 1: Aviation and radar of the Environmental Statement (Document Reference F4.1).

The Outline Fisheries Liaison and Co-existence Plan (Document Reference J13) and the Outline Vessel Traffic Management Plan (Document Reference J14) also aim to mitigate the impacts of undue interference to others.

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

A summary of all mitigation and proposed monitoring is provided in the Mitigation and Monitoring Schedule (Document Reference J10).

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	<input type="checkbox"/>	Iron/Steel	<input checked="" type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Biocides/other chemicals	<input type="checkbox"/>
Silt	<input checked="" type="checkbox"/>	Stone/Rock	<input checked="" type="checkbox"/>	Gravel	<input checked="" type="checkbox"/>	Plastic/Synthetics	<input checked="" type="checkbox"/>
Sand	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>				

If other, please provide a description of materials.

Not applicable.

### 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 transshipment area. If vehicle delivery, please provide the proposed access route.

OSPs are generally constructed by installing the foundation structure, then the topside will be lifted from a transport vessel/barge or floated over onto the foundation. The foundation and topside may be transported on the same transport vessel/barge, or separately. The vessel requirements for OSP installation are presented in Table 3.10 of Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3). The foundations will be fabricated offsite, stored at a suitable port facility and transported to site by sea. Specialist vessels transport and install foundations.

Offshore export cables will be installed by cable-laying vessels. The installation techniques being considered include pre-lay plough, plough, trenching, and jetting. The offshore export cable installation methodology, as well as the burial depth and any requirement for protection measures, will be informed by a detailed Cable Burial Risk Assessment.

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	<input type="checkbox"/>	Iron/Steel	<input type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Biocides/other chemicals	<input type="checkbox"/>
Silt	<input checked="" type="checkbox"/>	Stone/Rock	<input checked="" type="checkbox"/>	Gravel	<input checked="" type="checkbox"/>	Plastic/Synthetics	<input checked="" type="checkbox"/>
Sand	<input checked="" type="checkbox"/>	Other	<input checked="" type="checkbox"/>				

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

Including quantities to be removed.

The maximum amount of spoil that is anticipated to be removed within the Mona Offshore Cable Corridor as a result of sandwave clearance associated with offshore export cables is 1,504,000 m<sup>3</sup>. The maximum amount of spoil that is anticipated to be removed within the Mona Array Area due to sandwave clearance for the installation of interconnector cables and OSP foundations would be 1,167,415 m<sup>3</sup>. Therefore the total spoil volume to be removed seaward of MHW is 2,671,415 m<sup>3</sup>.

Any materials found during the prelay surveys and preparation works will be removed, likewise any old cables may be cut and removed.

Materials to be removed or deposited are:

- Iron, steel, copper and aluminium
- Stone and rock
- Concrete and grout
- Sand and gravel (which may then be used in the OSP gravity-base foundations)
- Plastic and synthetic
- Material extracted from within Work No. 1 during
  - Construction drilling or seabed preparation for foundation
  - Works and cable sandwave preparation works
  - Marine coatings, other chemicals and timber.

**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?**

Not applicable.

**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*

Not applicable.

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

Not applicable.

**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.

Please see Figure 3.15 of Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3). There may be temporary deposits associated with the exit pit/trench for the installation of up to four export cables under the intertidal zone through trenchless techniques and that these pits may be located up to 1 km seaward of MLWS. The exact locations will be confirmed as part of the detailed design post-consent.

**10(c). Description of temporary deposits**

Material excavated from trenchless techniques exit pits/excavation for cable installation will typically be deposited adjacent to the pits/trenches, and subsequently used to backfill those pits/trenches. For further details please refer to Volume 1, Chapter 3: Project description of the Environmental Statement (Document Reference F1.3).

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

The source of material proposed to be disposed of within the Mona Offshore Cable Corridor will be sediment dredged from the upper layer of the existing seabed via suction hopper dredger as part of seabed preparation works ahead of cable installation. The maximum amount of spoil that is anticipated to arise within the Mona Offshore Cable Corridor as a result of sandwave clearance associated with offshore export cables, which would require disposal within the Mona Offshore Cable Corridor Disposal Site is 1,504,000 m<sup>3</sup>. The site characterisation for the proposed disposal site associated with construction activities within the Mona Offshore Cable Corridor associated with the Mona Offshore Wind Project is presented in the Mona Offshore Cable Corridor – Disposal Site Characterisation Report (Document Reference J20). The Mona Offshore Cable Corridor Disposal Site is the Mona Offshore Cable Corridor, not including any area within it which overlaps with the Constable Bank designated site.

The source of material proposed to be disposed of within the Mona Array Area will be sediment generated from sandwave clearance activities within the Mona Array Area prior to cables and foundations being installed. The maximum amount of spoil that is anticipated to arise within the Mona Array Area due to sandwave clearance for the installation of interconnector cables and OSP foundations would be 1,167,415 m<sup>3</sup>. The site characterisation for the proposed disposal site associated with construction activities covered by this marine licence within the Mona Array Area is presented in the Mona Array Area – Site Characterisation Report (Document Reference J19). The Mona Array Area Disposal Site is the entire Mona Array Area.

Between works in the Mona Offshore Cable Corridor and the Mona Array Area, the total spoil volume to be removed seaward of MHW is 2,671,415 m<sup>3</sup>.

Site-specific sediment sampling was carried out to characterise the Mona Offshore Cable Corridor and the Mona Array Area. Subtidal sediments recorded from infaunal grab samples collected across the Mona Offshore Cable Corridor and the Mona Array Area during the site-specific benthic subtidal surveys are presented in the Benthic subtidal and intertidal ecology technical report (Document Reference F6.2.1). Across all sample stations in the Mona Offshore Cable Corridor, the average percentage sediment composition was 80% sand, 15% gravel and 5% fine sediment. Sediments within the Mona Offshore Cable Corridor were typically very poorly sorted (40% of samples), 23% were classified as poorly sorted and 20% were classified as moderately well sorted. Within the Mona Array Area, sediments ranged from gravelly sand to muddy sandy gravel with most samples classified as gravelly sand. A single sample station was classified as slightly gravelly muddy sand, (ENV95) which was located in the southeast section of the Mona Array Area.

Information on the subtidal sediments recorded during the site-specific benthic subtidal surveys is presented in the Benthic subtidal and intertidal ecology technical report (Document Reference F6.2.1). Completed NRW sample analysis spreadsheets have been submitted with the marine licence application within the NRW PS Analysis Results template.

## 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?**

Extensive consultation with NRW as set out in the Consultation Report (Document Reference E3).

**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?**

An assessment of the designation likely to be affected are provided in the Information to Support the Appropriate Assessment (Document Reference E1.1 – E1.3).

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

The mitigation measures proposed to avoid impacts on designated conservation sites are provided in:

- Volume 2, Chapter 2: Benthic subtidal and intertidal ecology of the Environmental Statement (Document Reference F2.2)
- Volume 2, Chapter 3: Fish and shellfish ecology of the Environmental Statement (Document Reference F2.3)
- Volume 2, Chapter 4: Marine mammals of the Environmental Statement (Document Reference F2.4)
- Volume 2, Chapter 5: Offshore ornithology of the Environmental Statement (Document Reference F2.5)
- The Information to Support the Appropriate Assessment (Document Reference E1.1 – E1.3)
- The Mitigation and Monitoring Schedule (Document Reference J10).

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.**

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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
<b>Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)</b>				
<b>Name and Address of LPA for location of works</b>	Conwy County Borough Council, PO Box 1, Conwy, LL30 9GN Denbighshire County Council, PO Box 62, Ruthin, LL15 9AZ			
<b>Land Owners Consent</b> such as The Crown Estate Consent	Crown Estate Transmission Agreement for Lease			
	Applied for-	to be granted in 2024		
<b>Port Authority or Local Harbour permissions</b>				
<b>Other NRW consents</b> such as Flood Defence or SSSI assent				
<b>Details of NRW consent</b>				
<b>Other consents</b> such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction				
<b>Details of other consents</b>	Development Consent Order under the PA2008 via the Planning Inspectorate			

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
	22 February 2024		EN010137	
	Energy generation licence under Electricity Act 1989			

#### 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**

Electricity Act 1989.

#### 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.

To protect the welfare of badgers, information pertaining to the location of badgers identified following desk based research and field surveys has been removed from Volume 7, Annex 3.12: Badger survey technical report (Public). A separate version of this technical report containing confidential data is available upon request to those with a legitimate need to view this information.

To protect the welfare of species listed under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended), figures showing the location of breeding territories identified during site surveys for red kite and little ringed plover has been removed from Volume 7, Annex 4.3: Onshore ornithology – breeding birds technical report (Public).

A separate version of this technical report containing confidential data is available upon request to those with a legitimate need to view this information.

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 £1,920. 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	Mona Offshore Wind Project
FAO	Paul Carter
Purchase order number	312
Address for invoice	Mona Offshore Wind Limited Chertsey Road Sunbury on Thames Middlesex United Kingdom TW16 7BP
Telephone Number	07510607797
Email Address	uk_offshorewind_ap@pwc.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.**

DocuSigned by:  
**Signature** Richard Sandford **Date** 21-05-24  
B72A9F5BDDCA04D9...

**Name** (*in capitals*) Richard Sandford

**Position in Company** Director of Mona Offshore Wind Limited

*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**

## Separate sheet with continuation of answer to section 6(a)

Table 1: Transmission Assets design parameters.

Parameter	Value
Maximum number of Offshore Substation Platforms (OSPs)	4
Height of OSFs when measured from Lowest Astronomical Tide (excluding towers, helipads, masts, lightning protection and cranes) (LAT) (m)	70
Length of OSFs (m)	80
Width of OSFs (m)	60
Maximum total seabed footprint area for OSP foundations (including scour protection) (m <sup>2</sup> )	24,964
Maximum diameter of pin piles for OSFs on jacket pin pile foundations (m)	5.5
Maximum diameter of gravity base foundations at the seabed for OSFs (m)	80
Maximum diameter of suction buckets for OSFs (m)	18
Maximum total length of offshore export cables (km)	360
Maximum number of interconnector cables	3
Maximum total length of interconnector cables (km)	50