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MONA OFFSHORE WIND PROJECT

Marine Licence Principles Document

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Image of an offshore wind farm

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Glossary

Term	Meaning
Applicant	Mona Offshore Wind Limited.
Development Consent Order (DCO)	An order made under the Planning Act 2008 granting development consent for one or more Nationally Significant Infrastructure Project (NSIP).
Licensing Authority	Natural Resources Wales acting on behalf of the Welsh Ministers pursuant to powers under the Marine and Coastal Access Act 2009 or any successor of that function
Local Authority	A body empowered by law to exercise various statutory functions for a particular area of the United Kingdom. This includes County Councils, District Councils, County Borough Councils and unitary authorities.
Marine licence	The Marine and Coastal Access Act 2009 requires a marine licence to be obtained for licensable marine activities. Section 149A of the Planning Act 2008 allows an applicant for a DCO to apply for 'deemed marine licences' as part of the DCO process. In addition, licensable activities that are not wholly outside 12 nm of Welsh inshore waters require a separate marine licence from Natural Resources Wales (NRW).
Nationally Significant Infrastructure Project (NSIP)	Large scale development including power generating stations which requires development consent under the Planning Act 2008. An offshore wind farm with a capacity of more than 350MW in Wales, constitutes an NSIP.
Order limits	The limits shown on the offshore order limits and grid coordinates plan within which the authorised scheme may be carried out.
Relevant Local Planning Authority	The Relevant Local Planning Authority is the Local Authority in respect of an area within which a project is situated, as set out in Section 173 of the Planning Act 2008. Relevant Local Planning Authorities may have responsibility for discharging requirements and some functions pursuant to the Development Consent Order, once made.
Statutory consultee	Organisations that are required to be consulted by an applicant pursuant to the Planning Act 2008 in relation to an application for development consent. Not all consultees will be statutory consultees (see non-statutory consultee definition).

Acronyms

Acronym	Description
AIS	Automatic Identification System
CMS	Construction Method Statement
CRA	Chemicals Risk Assessment
CSIP	Cable Specification and Installation Plan
DCO	Development Consent Order
dML	Deemed Marine Licence
DOP	Dropped Objects Plan
EMP	Environmental Monitoring Plan

Acronym	Description
HAT	Highest astronomical tide
KISS	Kingfisher Information Service of Seafish
LAT	Lowest astronomical tide
MCA	Marine Coastguard Agency
MCAA	Marine and Coastal Access Act 2009
MEO	Marine Enforcement Officer
MHWS	Mean High Water Springs
MMMP	Marine Mammal Mitigation Protocol
NRW	Natural Resources Wales
NRW ML	Natural Resources Wales Marine Licence
~~NRW MLT~~	~~Natural Resources Wales Marine Licensing Team~~
NSIP	Nationally Significant Infrastructure Project
OFTO	Offshore Transmission Operator
OMP	Operations and Management Plan
OREI	Offshore Renewables Energy Installation
OSP	Offshore Substation
PAD	Protocol for Archaeological Discoveries
PEMP	Project Environmental Management Plan
SAC	Special Area of Conservation
UKHO	United Kingdom Hydrographic Office
UWSMS	Under Water Sound Management Strategy
UXO	Unexploded Ordinance
WGMFD (C&E)	Welsh Government Marine and Fisheries Division (Control & Enforcement)
WSI	Written Scheme of Investigation

Units

Unit	Description
nm	Nautical mile
cm	Centimetre
m^3	Cubic meters
MW	Mega watt

1 Marine Licence Principles

1.1 Introduction

1.1.1.1 This document provides a tabulation of the principles which are anticipated to inform the transmission assets marine licence for the Mona Offshore Wind Project. Two marine licences are sought for the Mona Offshore Wind Project:

- a licence in respect of the generation assets, to be deemed as part of the Mona Offshore Windfarm Development Consent Order (DCO) (the 'deemed marine licence' or 'dML'); and
- a separate licence in respect of the transmission assets, to be granted by Natural Resources Wales (NRW) as the relevant authority for marine licensing (the 'NRW marine licence' or 'NRW ML').

1.1.1.2 As the generation assets for the Mona Offshore Wind Project are wholly located outside 12 nautical miles and within the Welsh offshore region it is possible under s149A of the Planning Act 2008 for these to be authorised through a deemed marine licence within the DCO. The transmission assets are located within both the Welsh inshore and offshore regions and therefore require a separate marine licence from NRW.

1.1.1.3 This document marks a point of progress that has been reached with NRW's Marine Licencing Team (~~NRW-MLT~~the Licensing Authority) on the drafting of the two marine licences but should not be considered prejudicial to NRW's process for determining the NRW ML. Table 1 presents a summary of the details anticipated to be contained within the NRW ML (based on the Awel y Môr offshore wind farm transmission marine licence (ref ORML2233T)) as compared to the dML, with accompanying notes that focus on how the two licences are anticipated to align and any expected areas of difference in their drafting. The Awel y Môr transmission marine licence has been used as it is the most recent ML issued by ~~NRW-MLT~~the Licensing Authority for an offshore wind farm nationally significant infrastructure project (NSIP).

1.1.1.4 There is intentional spatial overlap between the proposed marine licence areas. There is also intentional duplication of the four offshore substation platforms (OSPs) and the inter-connector cables in the marine licences.

1.1.1.5 The overlap between the generation and transmission assets is driven by the offshore transmission operator (OFTO) regime. The transmission assets will be consented and constructed by Mona Offshore Wind Limited but must then be transferred to a separate OFTO. Having separate licences for these works avoids the complexity of splitting a single marine licence post-construction and any uncertainty over enforcement.

1.1.1.6 As the detailed design of the Mona Offshore Wind Project will only be done after consent is secured it is not possible at this stage to determine where the OSPs will be located within the generation area and hence the location of the transmission works. This means that the transmission marine licence area includes all of the generation licence area where the wind turbines will be located.

1.1.1.7 In addition, it has not been determined whether the OSPs and the interconnector cables will be transferred to the OFTO. This is why the OSPs and interconnector cables are included in both the generation and the transmission marine licences. It is a requirement of the DCO (Schedule 2, requirement 2) and the dML and NRW ML that the total number of OSPs to be constructed for the Mona Offshore Wind Project may not exceed four, the total length of the interconnector cables must not exceed 50 km

and that ~~NRW-MLT~~the Licensing Authority must be informed of the location of the OSPs prior to construction.

1.1.1.8 The below table should be read alongside the Examination documents listed and is intended to be a summary only. The table identifies the measures that will be secured in the dML alongside what the Applicant requests is secured by NRW in the transmission ML and is therefore anticipated to be secured. For the avoidance of doubt, the Applicant does not have control over the drafting of the NRW ML which is entirely within ~~NRW-MLT's~~the Licensing Authority's discretion. There are examples where measures can only be secured in the NRW ML due to those measures being linked to geographical areas or features which fall wholly within the area covered by the NRW ML. In these cases it is not appropriate to secure those measures within the dML given the dML will not control activities in those areas. Full details of the mitigation and monitoring commitments that have been made are set out in the Mitigation and Monitoring Schedule (Document Reference J10).

Table 1.1: Marine Licence Principles.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
Licence Details	**Marine licence**				
Licence Details	Marine licence	Introductory text granting the licence with reference to Pt 4 of the MCAA 2009	✓	✓	See DCO dML paragraph 2.
Licence Details	Licence holder	Details of licence holder – Mona Offshore Wind Limited	✓	✓	dML is granted to the 'undertaker' defined in paragraph 1 as "Mona Offshore Wind Limited (company registration number 13497266) whose registered office address is Chertsey Road, Sunbury on Thames, Middlesex, United Kingdom, TW16 7BP" (hereinafter referred to as the Applicant).
Licence Details	Licence validity	Details of start date, end date and issue date	x	✓	dML comes into force as part of the DCO on the date specified by the Secretary of State. The dML is stated to be in place until the authorised scheme is decommissioned (see ~~dMLparagraph~~dML paragraph 6) but no end date is specified for either the DCO or dML as they are not time limited consents. dML authorises construction, operation and maintenance. The NRW ML also authorises construction, operation and maintenance. The NRW licence number for the dML is included in the title of the Schedule. A NRW ML will be applied for prior to decommissioning of the authorised schemed to authorise licensable decommissioning activities (separately for the generation and transmission assets as these will be in separate ownership).
Licenced Activities	Project	Description of the Project	✓	✓	dML includes details of generation assets comprising an offshore wind generating station with electrical output capacity of over 350 MW comprising: *Work No. 1:* (a) up to 96 wind turbine generators each fixed to seabed by a foundation; (b) a network of subsea inter-array cables between the wind turbine generators and offshore substation platforms including cable crossings and cable protection;

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					(c) up to four offshore substation platforms each fixed to the seabed by a foundation; and (d) a network of subsea interconnector cables between the offshore substation platforms including cable crossings and cable protection; and in connection with such Work Nos. 1 and 2 and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised development and which fall within the scope of the work assessed by the environmental statement, including— (a) scour protection around the foundations of the offshore structures; (b) cable protection measures such as rock placement and/or concrete mattresses, with or without frond devices; (c) dredging; (d) the removal of material from the seabed required for the construction of Work No. 1 and the disposal of inert material of natural origin and/or dredged material within Work No. 1 produced during construction drilling, and seabed preparation for foundation works, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching; (e) creation and use of temporary vessel laydown areas, use of cable anchors; (f) removal of static fishing equipment; (g) the use of extracted seabed material within gravity base foundations; and (h) lighting; the transmission works to be authorised through the DCO comprise: *Work No. 2:* installation of up to four subsea export cable circuits between Work No. 1 and Work No. 3 including cable

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					crossings and cable protection trenchless installation technique works including the creation of entry and exit pits for trenchless installation techniques; *Work No. 3:* (a) installation of up to four subsea cable circuits between Work No. 2 and Work No. 8 including cable ducts and cable crossings; (b) trenchless installation technique works; and (c) access during construction, operation, maintenance and decommissioning. The NRW ML will cover all licensable marine activities seaward of Mean High Water Springs.
Licenced Activities	Activity 1 – Construction, and Maintenance of export cables and substation platforms	**Type of licenced activity:** Deposit/removal/construction **Description:** Construction, operation and maintenance of: - up to four subsea export cable circuits including cable crossings and cable protection - up to four offshore substation platforms each fixed to the seabed by a foundation and interconnector cables connecting the OSPs to each other - in the intertidal area installation of up to four subsea cable circuits including cable ducts and cable crossings; and trenchless installation technique works.	✓	✓	All of the licensable marine activities listed align with what is included within the Draft DCO. Materials to be removed or deposited are noted in the NRW ML application form and are consistent with those listed in paragraph 4 of the dML for the generation assets: - iron, steel, copper and aluminium; - stone and rock; - concrete and grout; - sand and gravel; - plastic and synthetic; - material extracted from within Work No. 1 during construction drilling or seabed preparation for foundation works and cable sandwave preparation works; and - marine coatings, other chemicals and timber.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		in connection with the following licensable activities may be carried out in line with the scope assessed by the environmental statement. additional licenced activities: - scour protection around the foundations of the offshore structures; - cable protection measures such as the placement of rock and/or concrete mattresses; - the removal of material from the seabed and the disposal of inert material of natural origin within the order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching; - the use of extracted seabed material within gravity base foundations; - temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme; - removal of static fishing equipment; and - marking buoys, beacons, fenders and other			

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		navigational warning or ship impact protection works. Materials to be removed or deposited: (a) iron, steel, copper and aluminium; (b) stone and rock; (c) concrete and grout; (d) sand and gravel; (e) plastic and synthetic; (f) material extracted during construction drilling or seabed preparation for foundation works and cable sandwave preparation works; and (g) marine coatings, other chemicals and timber. **Quantities/Dimensions:** The licenced activities must be constructed in accordance with the parameters assessed in the Environmental Statement as detailed within [*final ES references will be added to ML by NRW*].			
Licenced Activities	**Activity 2 – Ground Investigation Works**	**Type of licenced activity:** Removal **Description:** The removal of sediment samples for the purposes of informing environmental monitoring under this licence during pre-construction, construction and operation in line	✓	✓	All of the licensable marine activities listed align with what is included within the Draft DCO. DCO dML paragraph 2(d) authorises the removal of sediment samples for the purposes of informing environmental monitoring under the licence during pre-construction, construction and operation. Note: the dML condition does not specify sediment material types.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		with the approved Environmental Monitoring Plan. **Material types to be removed:** Seabed sediment – stone rock, sand gravel.			
Dropped Objects	**Activity 3 – Removal of accidentally dropped objects**	**Type of licenced activity:** Removal **Description, material types and quantities** As approved by NRW.	✓	✓	dML condition 17 requires notification to ~~NRW~~the Licensing Authority of all dropped objects, materials and deposits in accordance with the dropped objects plan (as approved under condition 18(1)(i)). Following notification, ~~NRW~~the Licensing Authority may require relevant surveys to be carried out by the Applicant (such as side scan sonar).
Removal Activities (**NEW CONDITION**)	**Activity 4 – low order UXO clearance**	ML condition will be needed to secure details of proposed low order UXO clearance activity. **Type of licenced activity:** Removal **Description, material types and quantities** Removal of low order UXO in advance of commencement of the licenced activities (note that high order UXO clearance is not authorised under this ML).	✓	✓	See DCO dML condition 21. No low order UXO clearance can take place until the following have been submitted to and approved in writing by ~~NRW~~ the Licensing Authority in consultation with the relevant statutory nature conservation body and, in respect of the method statement, the MCA: (a) a method statement for low order UXO clearance which must include- i. methodologies for (aa) identification and investigation of potential UXO targets, (bb) low order UXO clearance, and (cc) removal and disposal of large debris; ii. a plan showing the area in which clearance activities are proposed to take place; iii. a programme of works; and iv. any exclusion zones/environmental micrositing requirements. (b) a specific offshore written scheme of investigation and protocol for archaeological discoveries (in accordance

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					with the outline offshore written scheme of investigation and protocol for archaeological discoveries); (c) a marine mammal mitigation protocol in accordance with the outline protocol which is to prevent injury to marine mammals following current best practice as advised by the relevant statutory nature conservation body. The method statement and marine mammal mitigation protocol must be submitted to ~~NRW~~the Licensing Authority for approval at least 4 months prior to the date on which it is intended for UXO clearance activities to begin, and any UXO clearance activities must be undertaken in accordance with these documents. An UXO close out report must be submitted to ~~NRW~~the Licensing Authority and the ~~relevant~~ statutory nature conservation body within 3 months following the end of the UXO clearance activity and must include: (a) co-ordinates, depth, current speed, charge utilised and the date and time of clearance; (b) whether any mitigation was deployed including feedback on practicalities of deployment of equipment and efficacy of the mitigation where reasonably practicable, or justification if this information is not available. Should there be more than one UXO clearance activity, the report will be provided at intervals agreed with ~~NRW~~the Licensing Authority. See the Outline marine mammal mitigation protocol (Document Reference J21) for full details of what will be secured in the dML.
Disposal Activities	**Activity 5 – Disposal to designated site**	**Type of Licenced activity** Disposal. **Description** Source of internal material of natural origin and/or dredged material produced during construction and seabed preparation works	✓	✓	All of the licensable marine activities listed align with what is included within the Draft DCO. DCO dML paragraph 2(~~g~~h) authorises the disposal of up to 13,037,497 m^3 of inert material of natural origin within Work No. 1 produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		associated with the licenced activities. Methods of dredging such as vessels using suction hoppers or similar **Maximum dredge depth** 5 m below chart datum. **Maximum volume and tonnage of material to be disposed of under this licence;** 2,671,415m3. **Designated disposal site** Offshore order limits **Material Type** Sand/gravel/silt/clay as described in the application form submitted March 2024 and in the Disposal Site Characterisation Report			Note: The disposal volumes authorised through the dML and ML will both include the amount needed for the OSPs (735,415 m^3) and interconnector cables (432,000 m^3). Through the approval of details under dML condition 18(1)(a) ~~NRW~~the Licensing Authority will be able to ensure the overall maximum volume is not exceeded.
Licenced Area/Order Limits	**Licenced area**	NRW ML will include both a plan and a list of co-ordinates of the licenced area.	✓	✓	Similar to Schedule 1 Part 1 of the DCO which includes a list of the co-ordinates for offshore works the NRW ML licenced area will also be demarcated by a series of co-ordinates.
Disposal	**Permitted Disposal site**	Offshore order limits	✓	✓	dML paragraph 2(~~g~~h) authorises disposal within Work No. 1.
Certified Documents	**Approved supporting documents**	NRW ML will list out approved documents.	✓	✓	DCO includes a list of certified documents at Schedule 15. Updates to relevant NRW ML documents provided to the DCO examination will also be provided to ~~NRW~~the Licensing Authority to ensure final versions are approved/certified. See section 1.3 for list of certified documents.
	Notifications				

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
Notification and Inspection	**Notification of commencement**	Requires notification to NRW, Welsh Government Marine and Fisheries (Control and Enforcement Branch) (WGMFD (C&E)), HM Coastguard, local mariners and fishermen's organisations and UKHO at least 10 days prior to commencement of the licenced activities. Local notifications to marine users to be reissued weekly while construction activities are ongoing and at least 5 days before planned operations and maintenance. Kingfisher Information Service of Seafish (KISS) and Defence Geographic Centre to be notified at least 14 days in advance of the commencement of Licenced Activities or any phase of them. Notification to KISS must include the start date of works and expected vessel routes. Notification to the Defence Geographic Centre should include the date of commencement of construction, the date any offshore electrical installations are brought into use and the maximum height of any construction equipment to be used.	✓	✓	dML condition 13(6) requires notification to ~~NRW~~the Licensing Authority and the Marine Enforcement Office (MEO) 10 days prior to commencement of the authorised scheme or any part thereof. dML condition 13(8) requires notification to mariners 14 days prior to any of the non-intrusive pre-construction surveys, unexploded ordnance surveys and clearance of low order unexploded ordnance taking place and prior to the commencement of the authorised scheme or any part thereof. Local notification must be updated and reissued at regular intervals during the non-intrusive pre-construction surveys, unexploded ordnance surveys and clearance of low order unexploded ordnance taking place and prior to the construction activities and at least 5 days before any planned operation and maintenance works. dML condition 13(7) requires notification to KISS 14 days prior to commencement of ~~offshore~~licenced marine activities. See the Outline fisheries liaison and co-existence plan (Document Reference J13) for full details of what will be secured in the dML.
Notification and Inspection	**Notification of Vessels and/or Vehicles**	Details of vessels and vehicles undertaking licenced activities to be provided to NRW-MLT and WGMFD (C&E) 24 hours prior to commencement of licenced activities.	✓	✓	dML condition 23(2) requires 24-hour notice to ~~NRW~~the Licensing Authority and MEO prior to commencement of any vessel being used to carry out the licenced marine activities and must include the master's name, vessel type, vessel IMO number and vessel owner or operating company. See the Outline vessel management plan (Document Reference J14) for full details of what will be secured in the dML.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
Notification and Inspection	**Notification of Agents/Contractors/Sub-contractors**	Details of all agents, contractors or sub-contractors used to undertake the Licenced Activities to be provided to NRW MLT 24 hours prior to commencement of licenced activities.	✓	✓	dML condition 23(1) requires 7 days' notice of appointment of any agent or contractor engaging in licenced marine activities. This notice must include the name, function, company number (if applicable), registered or head office address of any agent or contractor appointed.
Notification and Inspection	**Notification of HM Coastguard**	Notification of the licenced activities to be provided to HM Coastguard 24 hours prior to commencement	x	✓	No equivalent provision in dML
Notification and Inspection	**Inspection of Licenced Activities**	Marine Enforcement Officers to be allowed to inspect the works at any reasonable time.	✓	✓	dML condition 13(5) requires the Applicant to provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the ~~NRW~~Licensing Authority or the MEO considers necessary to inspect the works during the construction and operation of the authorised scheme
Notification and Inspection	**Notification of Completion**	Requires notification to NRW, WGMFD (C&E) and UKHO within 10 days of completion of the licenced activities or an individual phase of such. KISS to be notified as soon as practicable and no later than 24 hours after completion of the licenced activities or an individual phase of such.	✓	✓	dML condition 13(6) requires notification to ~~NRW~~the Licensing Authority and the MEO within 10 days of completion of the construction of the authorised scheme. dML condition 13(10) requires notification to UKHO within 14 days of completion of the construction of the authorised scheme or any part thereof. Copies of all notices must be provided to ~~NRW~~the Licensing Authority, the MEO and MCA within 5 days. dML condition 15(2)(c) requires notification to Trinity House within 5 days of completion of construction of the authorised scheme. dML condition 13(7)(b) requires notification to KISS with details of the vessel routes, timings and locations relating to the construction of the authorised scheme as soon as reasonably practicable and no later than 24 hours following completion of the construction of the authorised scheme.
Notification and Inspection	**Accident or Emergency**	Requires notification of non-permitted deposit of any substances or articles by force majeure to NRW, Trinity House and Marine	✓	✓	The Applicant considers the principle of the conditions in the dML align with what is expected under the NRW ML but there are differences in the details of that position. dML condition 17(1) requires notification to ~~NRW~~the Licensing Authority, Trinity House, the MEO and MCA within 48 hours if,

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		Coastguard Agency (MCA) within 48 hours of the incident occurring Recovery or removal of equipment dropped because of accident or emergency is permitted provided that methodology for recovery is approved by NRW. Requirement to submit a Dropped Object Plan (DOP) to NRW 4 months prior to commencement of Licenced Activities.			due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the safety of human life or of the vessel is threatened, or if there are any rock materials misplaced or lost during the construction of the authorised scheme. If those 'dropped objects' constitute a navigation or environmental hazard the undertaker must locate and recover those unless otherwise approved. dML condition 17(~~2~~1) requires notification of all dropped objects to ~~NRW~~the Licensing Authority in accordance with the dropped objects plan. This plan must be submitted to and approved by ~~NRW~~the Licensing Authority at least 4 months prior to commencement of the licenced marine activities (condition 18(1)(i)).
Notification and Inspection	**Distribution of Copies of this Licence**	Copy of the marine licence must be given to all agents, contractors and subcontractors who have been notified as such to NRW, and the Masters of any vessels and transport managers responsible for vehicles in accordance with the marine licence.	✓	✓	dML condition 13 requires distribution of a copy of the licence to agents and contractors, and masters and transport managers and requires their confirmation of receipt of such within 28 days in writing to ~~NRW~~the Licensing Authority.
Notification and Inspection	**Inspection of Documents**	Copies of the marine licence must be made available to the public at the address of the licence holder, any site office at or adjacent to the licenced area, and on board each vessel or vehicle carrying out the Licenced Activities.	✓	✓	dML condition 13(3) requires copies of the licence to be available for inspection at the Applicant's registered address, any site office located at or adjacent to the construction site and on board each vessel and at the office of any transport manager with responsibility for vessels. See the Outline fisheries co-existence and liaison plan (Document Reference J13) for full details of what will be secured in the dML.
	Vessels, Plant and Equipment				
Vessels, plants and equipment	**Notified Contractors, Vessels and/or Vehicles only to Carry out Licenced Activities**	Only agents, contractors, sub-contractors, vessels and/or vehicles whose details have been notified to NRW may operate under the licence. Changes must be notified to NRW and WGMFD (C&E).	✓	✓	dML condition 23 requires any changes to supplied details to be notified to ~~NRW~~the Licensing Authority in writing at least 24 hours before the agent, contractor or vessel engages in the licenced marine activities.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
Vessels, plants and equipment	**Equipment, Structures and Access**	Requirement to ensure that all equipment, temporary structures, access tracks, waste and/or debris are removed on completion.	x	✓	No equivalent provision in dML
	Safety				
Safety	**Removal of Deposited Material**	Requirement to remove any deposit specified by NRW or Marine Enforcement Officers for the safety of navigation within one month of being given notice and shall not replace such material without written approval by NRW.	x	✓	No equivalent provision in dML
	Pollution Control				
Pollution control	**Pollution Prevention**	Requirement to ensure that pollution prevention best practice is adhered to at all times. Any incidents must be reported to NRW as soon as possible.	✓	✓	dML condition 16 requires: - the project and use of chemicals to comply with the International Convention for the Prevention of Pollution from Ships; - the Applicant to ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with recognised best environmental practice; - the Applicant to inform ~~NRW~~the Licensing Authority in writing of the time, date, location and quantities of material disposed of each month by submission of a disposal return by 31 January each year for the months July to December inclusive, and by 31 July each year for the months January to June inclusive; - the Applicant to ensure no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports; and - the Applicant to ensure that any oil, fuel or chemical spill within the marine environment is reported to

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					~~NRW~~the Licensing Authority in accordance with the marine pollution contingency plan (which will be part of the Offshore Environmental Management Plan). Condition 17 requires the Applicant to report any misplacement or loss of any rock material used in connection with the construction of the project to the ~~licencing authority~~Licensing Authority, the MEO, Trinity House and the MCA within 48 hours and if ~~NRW~~the Licensing Authority reasonably considers such material to constitute a navigation or environmental hazard, the Applicant must locate the material and recover it at its own expense unless otherwise approved in writing by the ~~licencing authority~~Licensing Authority.
Pollution control	**Spillage of Pollutants**	Requirement to employ bunding, storage facilities and spill kits to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Secondary containment must be used with a capacity of no less than 110% of the container's storage capacity.	✓	✓	dML condition 16 requires: - the storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken so as to prevent releases into the marine environment including bunding of 100 percent of the total volume of all reservoirs and containers; - the Applicant to ensure that only inert material of natural origin, produced during the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits; and - the Applicant to ensure that any rock material used in the construction of the authorised scheme is free from a recognised source, free from contaminants and containing minimal fines.
Pollution control	**Prevention of Man-made Debris**	Requirement to ensure that all reasonable precautions are taken to prevent the disposal of man-made debris to the marine environment. Such material must be removed immediately and be disposed of appropriately.	x	✓	No specific equivalent provision in dML, but see condition 16 above.
	Activity Specific Conditions				
Activity Specific Conditions	**Project Parameters**	Licence Holder must ensure the Licenced Activities fall within the	✓	✓	See dML condition 10.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		parameters detailed in [*NRW to insert relevant ES chapters*]			Note: Project parameters are also set out in section 1.4 of this document.
Activity Specific Conditions	**Cable Specification and Installation Plan**	Requirement to submit a Cable Specification and Installation Plan (CSIP) to NRW 4 months prior to commencement of cable construction and deposit works, which must include: - Technical specifications; - Location, including outlines of cable crossings, burial, and surface laid sections; - Timings, including duration of intertidal works; - Burial risk assessment to ascertain burial depths and cable laying techniques including cable protection. The assessment should identify any cable protection that exceeds 5% of navigable depth referenced to chart datum. In the event that any area of cable protection exceeding 5% of navigable depth is identified, the details of any steps to be taken to ensure existing and future safe navigation is not compromised, should be presented; - Proposed locations, types, and quantities of cable protection to be deposited;	✓	✓	A tick has been added to both the dML and NRW ML columns on the basis of there being a CSIP within both. However, in the dML, the CSIP is secured under the construction method statement. Please refer to the "Offshore Construction Method Statement (CMS)" row below for details of the dML position. There are elements anticipated to be secured in the NRW ML in relation to the Constable Bank and the Menai Strait and Conwy Bay Special Area of Conservation (SAC) which are not required within the dML as it does not authorise any licensable marine activities within Constable Bank or the Menai Strait and Conwy Bay SAC. However, it is anticipated that, restrictions will apply as follows within the CSIP secured within the NRW ML (see Mitigation and Monitoring Schedule – Document Reference J10) unless otherwise agreed: • Sandwave clearance on the Constable Bank will only be permitted within the swept path area (20 m) of the cable burial tool. No sandwave clearance will be permitted within the Menai Strait and Conwy Bay SAC. • There will be no cable protection within the Constable Bank. • There will be no cable protection higher than 70 cm to be permitted within the Menai Strait and Conwy Bay SAC. The percentage of export cable within the Menai Strait and Conway Bank swept path analysis will not exceed 10% of total length of cable within the SAC.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		- Installation and cable laying techniques; - Cable crossing armouring methodology; - Installation machinery failure contingency plan; - Transport management plan; - Location, type, and quantity of any wet-stored cabling and/or cable protection and the proposed duration of the wet storage; - Proposals for monitoring offshore cables including cable protection during the operational lifetime of the authorised scheme which includes a risk based approach to the management of unburied or shallow buried cables, and - Specific consideration to be given to the choice of cable protection material that can be demonstrated to maximise environmental biodiversity benefits, whilst meeting technical need. To ensure that any actions outlined in the Programme of Works are implemented as approved in writing by NRW. Any proposed changes to the actions outlined in the documents must be submitted to,			

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		and approved in writing by, NRW prior to any changes being enacted.			
Activity Specific Conditions	**Programme of Works**	Requirement to submit a Programme of Works for each individual phase of the Licenced Activity to NRW 4 months prior to commencement. The Programme of Works for each individual phase must include: - The planned timetable for each of the Licenced Activities; - A plan for notifying NRW, MCA and Trinity House of the commencement and completion of each phase of licenced activities and of any changes to the planned timetable; and - A full list of materials to be deposited and removed from the marine environment.	✓	✓	dML condition 18(1)(b) requires submission of a construction programme for approval by ~~NRW~~the Licensing Authority 4 months prior to commencement of the marine licenced activities. This must include: - the proposed ~~construction start~~ date of commencement of the authorised scheme; - proposed timings for mobilisation of plant delivery of materials and installation works; and - an indicative written construction programme for all wind turbine generators and OSPs forming part of the authorised scheme and licenced marine activities. See notification requirements under dML condition 13 (as above). dML condition 21 ~~which~~ requires submission of a programme of works to be included in the method statement for low order UXO clearance to ~~NRW~~the Licensing Authority prior to commencement of clearance of UXO.
Activity Specific Conditions	**Operations and Maintenance Plan (OMP)**	Requirement to submit an OMP to NRW 4 months prior to operation, which must include detail of the methodology for operation and maintenance of infrastructure and a timescale for periodic review.	✓	✓	dML condition 11(3) requires submission of an offshore operations and maintenance plan in accordance with the outline plan to ~~NRW~~the Licensing Authority for approval ~~prior to carrying out any maintenance works~~at least 4 months prior to commencement of operation of licenced activities, and for review and resubmission every 3 years during the operational phase. See the Outline offshore operations and maintenance plan (Document Reference J12) for full details of what will be secured in the dML.
Activity Specific Conditions	**Installed Cable Report**	Requirement to provide a cable report which must include:	✓	✓	dML condition 28 requires submission to ~~NRW~~the Licensing Authority, MCA , Trinity House, UKHO and the ~~relevant~~

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		- the final locations (in WGS84) and technical specifications of the cables, of buried and surface-laid sections of the cables, types and quantities of cable protection used, deposited, or installed; and - identification of potential dangers to navigation to NRW. within 4 months of completion of the Licenced Activities. In the event that any potential danger to navigation is identified following completion, the Licence Holder must propose measures to ensure the safety of navigation in writing to NRW for written approval. The measures must be implemented as approved by NRW.			statutory nature conservation body of a close-out report within 4 months of completion. This must include: - the final number of installed wind turbine generators; - the installed wind turbine generator parameters; - as built plans; - latitude and longitude coordinates of the centre point of the location for each wind turbine generator and OSP provided as Geographical Information System data referenced to WGS84 datum; and - latitude and longitude coordinates of the inter-array and interconnector cables provided as Geographical Information System data referenced to WGS84 datum.
Activity Specific Conditions	**Post-construction As-Built Report**	Requirement to provide confirmation of construction completion date, as built plans, latitude and longitude coordinates of the centre point of location for OSP and of export cable routes provided as Geographical Information System data to NRW within 4 months of completion of construction of OSPs. The measures must be implemented as approved by NRW.	✓	✓	See dML condition 28 (above).
Activity Specific Conditions	**Project Environmental Management Plan (PEMP)**	Requirement to submit a PEMP to NRW at least 6 weeks prior to commencement of the Licenced Activities. This must include a Marine Pollution Contingency Plan.	✓	✓	See dML condition 18(1)(e) requires submission of an offshore environmental management plan 4 months prior to commencement of the authorised scheme. This needs to include: - a marine pollution contingency plan;

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		The measures must be implemented as approved by NRW.			- a chemical risk assessment; - waste management and disposal arrangements; - the appointment and responsibilities of a fisheries liaison officer; - a fisheries liaison and co-existence plan; - measures to minimise disturbance to marine mammals and rafting birds from vessels; and - measures to minimise the potential spread of invasive non-native species. See the Measures to minimise disturbance to marine mammals and rafting birds from transiting vessels (Document Reference J17) and Outline fisheries liaison and co-existence plan (Document Reference J13) for full details of what will be secured in the dML.
			✓	✓	The measures to minimise disturbance to marine mammals and rafting birds from vessels (Document Reference J17) include a commitment not to undertake offshore export cable installation and low order UXO clearance in the Liverpool Bay SPA between 1 November and 31 March as part of the offshore environmental management plan. As the Applicant anticipates the NRW ML to include a PEMP condition, similar to the offshore environmental management plan in the dML, the Applicant also anticipates NRW will include the measures to minimise disturbance to marine mammals and rafting birds from vessels in the NRW ML. As such, the Applicant expects the seasonal restriction will be secured through the NRW ML. For the avoidance of doubt, an equivalent commitment to the seasonal restriction is not required or appropriate within the dML as the dML does not authorise any licensable marine activities within the Liverpool Bay SPA. See the Measures to minimise disturbance to marine mammals and rafting birds from transiting vessels (Document Reference J17) for full details of what is expected to be secured in the NRW ML in relation to the Liverpool Bay SPA timing restriction.
Activity Specific Conditions	**Project Layout Plan**	Requirement to submit a Project Layout Plan to NRW at least 6 months prior to commencement of the Licenced Activities. This plan	✓	✓	dML condition 18(1)(a) requires submission of a design plan in accordance with the layout principles to ~~NRW~~the Licensing Authority for approval 4 months prior to commencement of licenced marine activities at a scale of between 1:25,000 and

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		should set out the number, dimensions, specification, foundation type(s) and depth for each OSP, the grid coordinates of the centre point of the proposed location for each OSP, proposed layout of all cables and location and specification of all other aspects of the authorised scheme. The measures must be implemented as approved by NRW.			1:50,000 ~~in accordance with the layout principles to NRW~~. This must set out the proposed details of the authorised scheme, and include: (a) the number, dimensions, specification, foundation types(s) and depth for each wind turbine generator and OSP; (b) confirmation of whether Work No. 1 sub-sections (c) and (d) are to be constructed under the dML; (c) the proposed layout of all wind turbine generators and OSPs, including grid coordinates of the centre point of the proposed location for each wind turbine generator and OSP subject up to 55 m micro-siting in any direction (unless otherwise agreed); (d) the proposed layout of all cables; (e) the location and specification of all other aspects of the authorised scheme; and (f) any archaeological exclusion zones.
Activity Specific Conditions	**Lighting and Marking**	Requirement to submit a lighting and marking plan to NRW at least 4 months prior to commencement. This must consider all stage of the Licenced Activities and include details on location and specification of all infrastructure and aspects of the project, navigation lights and markings of infrastructure in addition to any additional aids to navigation required. The measures must be implemented as approved by NRW. Requirement to provide reports to Trinity House on availability of aids to navigation in accordance with frequencies set out in the above plan, and to notify NRW and Trinity House of any failure of the aids to navigation as soon as possible and no later than 24 hours upon becoming aware of such failure.	✓	✓	dML condition 18(1)(g) requires an aids to navigation management plan to be submitted to ~~NRW~~the Licensing Authority for approval at least 4 months prior to commencement of the licenced marine activities specifying how the Applicant will ensure compliance with condition 15 from commencement of construction to completion of decommissioning of the authorised scheme. dML condition 15 requires the Applicant from commencement of construction to completion of decommissioning of the authorised scheme to exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct. Notification is required to Trinity House and ~~NRW~~the Licensing Authority: - Within 24 hours of commencement having occurred; - Within 24 hours of any aids to navigation being established by the Applicant; - Within 5 days of completion of construction; and

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		The lights must be exhibited in accordance with the Air Navigation Order 2016 and operate at the lowest permissible lighting intensity level.			- No later than 24 hours of becoming aware of a failure of aids to navigation. The Applicant must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 18(1)(g). See above design plan (condition 18(1)(a)) which must include location and specification of all other aspects of the authorised scheme and be in accordance with the recommendations for layout contained in MGN654 and its annexes. In addition the DCO includes requirements in relation to aviation safety and that any lighting will be operated at the lowest permissible lighting intensity (See Schedule 2, Requirement 3).
Activity Specific Conditions	**Navigational Safety**	Requirement to ensure a regular programme of monitoring of structure condition. Notification required to Trinity House, MCA, KISS, UKHO and NRW no later than 24 hours of becoming aware of damage, destruction or decay of any structure or part of such, excluding the exposure of cables. Notification required to KISS and mariners no later than 3 days following identification of exposure of buried cables. Copies of notices to be provided to NRW, Trinity House and MCA within 5 days. Search and Rescue checklist must be agreed with NRW and MCA prior to commencement.	✓	✓	dML condition 22 requires confirmation from ~~NRW~~the Licensing Authority in consultation with MCA in writing prior to commencement of the authorised scheme that ~~the Applicant has taken into account and adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within~~a search and rescue checklist has been agreed and is in place in line with MGN654 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues” (or any ~~equivalent guidance that replaces or supersedes it) and its annexes~~successor document). dML condition 13(11) requires notification to ~~NRW~~the Licensing Authority, MCA, Trinity House or KISS and UKHO and regional fisheries contact as soon as reasonably practicable and no later than 24 hours after becoming aware of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables and cable faults. dML condition 13(12) requires notification to regional fisheries contacts and KISS within 3 days of exposure ~~to~~of buried cables on or above the seabed of the location and extent of exposure. Copies of all notices must be provided to ~~NRW~~the Licensing Authority, MCA, Trinity House and UKHO within 5 days.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
Activity Specific Conditions	**Depth Reduction**	Requirement to ensure depth reduction resulting from cable protection activity does not compromise safe navigation and reduction does not exceed 5% in surrounding depth referenced to Chart Datum at any location without prior written approval from NRW.	✓	✓	dML condition 18(1)(d)(i) requires submission of a CSIP incorporating a cable burial risk assessment encompassing the identification of any cable protection that exceeds 5 % of navigable depth referenced to Chart Datum and, if this is identified, details of any steps to be taken (in consultation with MCA and Trinity House) to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection.
Activity Specific Conditions	**Colouring of Infrastructure**	Requirement to colour all structure yellow (colour code RAL 1023) from at least waterline to height as directed by Trinity House. Remainder of structures painted grey (colour code RAL 7035) unless otherwise directed by NRW	✓	✓	dML condition 14 requires the Applicant to paint all structures forming part of the authorised scheme yellow (colour code RAL 1023) from at least HAT to a height as directed by Trinity house, except as otherwise required by Trinity House. The Applicant must paint the remainder of the structures grey (colour code RAL 7035) unless otherwise directed by ~~NRW~~the Licensing Authority.
Activity Specific Conditions	**Offshore Construction Method Statement (CMS)**	Requirement to submit a CMS to NRW at least 4 months prior to commencement of the Licenced Activities or an individual phase of such. The measures must be implemented as approved by NRW.	✓	✓	dML condition 18(1)(d) requires submission of an offshore construction method statement 4 months prior to commencement of the licenced marine activities. This must include: - cable specification, installation and monitoring, to include— (a) the technical specification of the inter-array cables and interconnector cables; (b) a detailed CSIP for the authorised scheme, incorporating a cable burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and (c) details of cable monitoring including details of cable protection until the authorised scheme is

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					decommissioned which includes a risk based approach to the management of unburied or shallow buried cables; - scour protection management and cable protection management including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations; - foundation installation methodology, including drilling methods and disposal of drill arisings and material extracted during seabed preparation for foundation and cable installation works and having regard to any mitigation scheme; - contractors; - associated ancillary works; and - guard vessels to be employed. CSIP dML CSIP / CMS requires material arising from drilling and/or sandwave clearance to be deposited in close proximity to the cable works. dML condition 18(1)(d)(i) requires submission of a CSIP for approval by ~~NRW~~the Licensing Authority prior to works commencing, incorporating a cable burial risk assessment encompassing the identification of any cable protection that exceeds 5 % of navigable depth referenced to Chart Datum and, if this is identified, details of any steps to be taken (in consultation with MCA and Trinity House) to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection. It is anticipated that in respect of the NRW ML, in the event any cable protection exceeds 5 % of navigable depth referenced to Chart Datum, NRW ~~(Advisory)~~ will also be a named consultee with regards to agreeing a suitable alternative position which

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					includes any additional physical processes assessments as required. Additional measures are anticipated to be secured in the NRW ML only in relation to the Constable Bank and the Menai Strait and Conwy Bay Special Area of Conservation. Please see row "Cable Specification and Installation Plan" above.
Activity Specific Conditions	**Biosecurity Plan**	Requirement to submit a biosecurity plan to NRW at least 4 months prior to commencement of Licenced Activities. The measures must be implemented as approved by NRW.	✓	✓	dML offshore environmental management plan to be submitted at least 4 months in advance will include a marine pollution contingency plan, chemical risk assessment, waste management and disposal arrangements as well as measures to minimise the potential spread of invasive non-native species (see row "Project Environmental Management Plan (PEMP)" above).
Activity Specific Conditions	**Vessel Traffic Management Plan**	Requirement to submit a Vessel Traffic Management Plan to NRW at least 4 months prior to commencement of Licenced Activities. The measures must be implemented as approved by NRW.	✓	✓	dML condition 18(1)(j) requires a vessel traffic management plan in accordance with the outline plan to be submitted at least 4 months prior to commencement of licenced marine activities. See the Outline vessel management plan (Document Reference J14) for full details of what will be secured in the dML.
Activity Specific Conditions	**Marine Mammal Mitigation Protocol**	Requirement to submit a Marine Mammal Mitigation Protocol to NRW at least 4 months prior to commencement of piling activities. The measures must be implemented as approved by NRW.	✓	✓	dML conditions 18(1)(h) and 21(1)(c) require submission of a marine mammal mitigation protocol (MMMP) in accordance with the outline plan 4 months prior to commencement in the event that driven or part-driven pile foundations are proposed to be used or low order UXO clearance is required. Condition 25(4) requires an updated MMMP to be submitted if there are significantly different underwater sound modelling results to those predicted in the environmental statement or failures in mitigation. MMMP includes: - a maximum separation distance of 15 km for concurrent piling and a minimum distance of 1.4 km; - Maximum hammer energy used during concurrent piling of 3,000 kJ. 4,400 kJ maximum hammer energy for single event piling; and

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					- Piling soft start and ramp-up measures. See the Outline marine mammal mitigation protocol (Document Reference J21) for full details of what will be secured in the dML.
Activity Specific Conditions	**Environmental Monitoring Plan (EMP)**	Requirement to submit an EMP specifying pre-construction, construction and post-construction monitoring to NRW. This must include monitoring, including methodologies and timings, physical and ecological pre- and post-construction monitoring surveys to take place across the construction area, monitoring surveys designed to ensure minimal disturbance to, and loss of key benthic habitats and species during the construction including the identification of areas for micro-siting where possible, underwater noise monitoring to measure noise generated from piled foundations, ornithological monitoring plan, and timetable for related reporting. Pre-construction EMP must be submitted to NRW at least 4 months before surveys commence; construction EMP must be submitted at least 4 months prior to construction; and post-construction at least 4 months prior to operation.	✓	✓	See dML condition 18(1)(e) which requires an offshore environmental management plan to be submitted to NRW 4 months prior to commencement (see row "Project Environmental Management Plan (PEMP)" above). The content of the environmental management plan to be submitted pursuant to condition 18(1)(e) will include reference to the items listed in that ~~conditions~~condition and also mitigation which is described in the Environmental Statement.
Activity Specific Conditions	**UK Marine Noise Registry**	Requirement to complete an entry into the UK Marine Noise Registry detailing proposed dates and locations and nature of Impact Pile Driving Activities at least 10 days prior to its commencement. Entries must then be made every 6 months following commencement detailing	✓	✓	dML condition 29 requires submission of entries to the Marine Noise Registry to satisfy Forward Look requirements and update information as required where driven or part-driven pile foundations are proposed to be installed. These must be submitted:

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		the actual dates and locations, with the final entry to be completed within 8 weeks of completion of the noisy activity.			- every 6 months following commencement of pile driving; and - within ~~12~~8 weeks of completion of pile driving .
Activity Specific Conditions	**Scour Protection Management Plan**	Requirement to submit a Scour Protection Management Plan to NRW at least 4 months prior to commencement of any Licenced activity or individual phase of such.	✓	✓	dML condition 18(1)(d)(i) requires the offshore CMS to include scour protection management and cable protection management including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations. See row and "Offshore Construction Method Statement (CMS)" above.
Activity Specific Conditions	**Marine Archaeology**	Requirement to submit a Protocol for Archaeological Discoveries (PAD) to NRW at least 4 months prior to commencement of the Licenced Activities or an individual phase of such. Requirement to submit an Offshore Written Scheme of Investigation (Offshore WSI) to NRW at least 4 months prior to commencement of the Licenced Activities or an individual phase of such. This must detail the archaeological assessment and mitigation works offshore and within the inter-tidal area including providing the position and extent of Archaeological Exclusion Zones and establish methods for their monitoring.	✓	✓	dML condition 18(1)(f) includes a requirement to submit an offshore written scheme of investigation for archaeology and protocol for archaeological discoveries in accordance with the outline plan to NRW 4 months prior to commencement. This must include: - details of responsibilities of the Applicant, archaeological consultant and contractor; - a methodology for further site investigation including any specifications for geophysical geotechnical and diver or remotely operated vehicle investigations; - archaeological analysis of survey data and timetable reporting which is to be submitted to NRW within 4 months of any survey being completed; - delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones; - monitoring of archaeological exclusion zones during and post construction where required; - a requirement for the Applicant to ensure that a copy of any agreed archaeological report is deposited with the National Record of the Historic Environment, by submitting an OASIS form with a digital copy of the report within 6 months of completion of construction of the authorised scheme, and to notify ~~NRW~~the

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					Licensing Authority that OASIS form has been submitted within 2 weeks of submission; - a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and - a timetable for all further site investigations which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of further site investigations prior to commencement of licenced marine activities. See the Outline Offshore Written Scheme of Investigation and Protocol for Archaeological Discoveries (Document Reference J18) for full details of what will be secured in the dML.
Activity Specific Conditions	**Fisheries Co-Existence and Liaison Plan**	Requirement to submit a Fisheries Co-Existence and Liaison Plan to NRW at least 4 months prior to commencement of the Licenced Activities or an individual phase of such.	✓	✓	dML condition 18(1)(e)(v) includes a fisheries liaison and co-existence plan in accordance with the outline plan to ensure relevant fishing fleets are notified of commencement of licenced marine activities and to address their interaction with fishing activities as part of the offshore environmental management plan, to be submitted to ~~NRW~~the Licensing Authority 4 months prior to commencement. See row “Project Environmental Management Plan (PEMP)” above. The following measures will be taken as mitigation, monitoring, compensation or enhancement: - Mona Offshore Wind Project marine coordination centre will perform a continuous watch by multi-channel Very High Frequency, including Digital Selective Calling; - site marking and charting on nautical charts including an appropriate chart note to facilitate safe passage planning around the Mona Offshore Wind Project;

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					- notice to Mariners to appropriate shipping authorities to notify them of works being carried out in waters adjacent to the Mona Offshore Wind Project; - a scallop mitigation zone over areas of core scallop grounds within the Mona Array Area; and - advance warning to fishing fleets of construction, maintenance and decommissioning activities. See the Outline fisheries liaison and co-existence plan (Document Reference J13) for full details of what will be secured in the dML.
Activity Specific Conditions	**Chemical Risk Assessment (CRA)**	Requirement to produce and implement a CRA report which must be available for inspection at all reasonable times by NRW and/or Marine Enforcement Officers. This must include details of how and when chemicals are used, stored and transported, best practice guidelines for equipment/techniques used and an assessment of the integrity of the equipment and risk of spills.	✓	✓	dML condition 18(1)(e)(ii) includes a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with the recognised best practice guidance, as part of the offshore environmental management plan which needs to be submitted to ~~NRW~~the Licensing Authority 4 months prior to commencement. See row “Project Environmental Management Plan (PEMP)” above.
Activity Specific Conditions	**Navigation Monitoring Specification**	Requirement to ensure that a Navigation Monitoring Specification for pre-construction and post-construction navigation monitoring survey is submitted to NRW at least 4 months prior to commencement of the Licenced Activities or an individual phase of such. This must include: - Detailed swath bathymetric survey to IHO Order 1a of the Licensable Area extending to appropriate buffer around the site;	✓	✓	dML condition 24(1) requires submission of a monitoring plan or plans in accordance with the offshore in-principle monitoring plan for written approval by ~~NRW~~the Licensing Authority in consultation with the JNCC. This must include details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report. dML condition 25 requires the same monitoring as above for construction of the authorised scheme, and condition 26 for post-construction stage of the authorised scheme. See the Offshore in-principle monitoring plan (Document Reference J15) for full details of what will be secured in the dML.

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		- All proposed cable routes; - Vessel traffic monitoring by automatic identification system (AIS) for the duration of the construction period and for three consecutive years following the completion of the construction of the authorised scheme, unless otherwise agreed with the Licensing Authority; - Detail of the programme/timetable of monitoring and reporting; - Proposals for monitoring offshore cables including cable protection during the operational lifetime of the authorised scheme which includes a risk based approach to the management of unburied or shallow buried cables; and - Compliance with MGN 654 (Safety of Navigation: Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response), (or any successor document) and its supporting 'Hydrographic Guidelines for Offshore Renewable Energy Developer including the submission of			

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
		full density data and reports to the Maritime and Coastguard Agency and the UK Hydrographic Office for the update of nautical charts and publications.			
Activity Specific Conditions **(NEW CONDITION)**	**Underwater Sound Management Strategy (UWSMS)**	ML condition will be needed to secure adherence to UWSMS in accordance with strategy submitted as part of DCO and ML applications.	✓	✓	dML condition 20 requires submission at least 4 months prior to commencement of the relevant activities of an UWSMS in accordance with the outline UWSMS to ~~NRW~~the Licensing Authority in consultation with the ~~relevant~~ statutory nature conservation body prior to commencement of any piling activities or low order UXO clearance. The piling or low order UXO clearance must be carried out in accordance with the approved UWSMS, unless otherwise agreed in writing by ~~NRW~~Licensing Authority. See the Outline underwater sound management strategy (Document Reference J16) for full details of what will be secured in the dML.
Activity Specific Conditions	**Disposal Returns**	Requirement to submit certified returns of quantities of substances or articles under the licence to NRW by 31 January and 31 July each year. These must specify the full licence number and amount deposited (tonnage) each calendar month at each authorised Deposit Area. If the licence expires and is not superseded by another, a final return shall be made to NRW no later than 28 working days after the Licence End Date.	✓	✓	dML condition 16(4) requires the Applicant to inform ~~NRW~~the Licensing Authority in writing of the time, date, location and quantities of material disposed of each month by submission of a disposal return by 31 January each year for the months July to December inclusive and by 31 July each year for the months January to June inclusive.
Activity Specific Conditions	**Inspection of Disposal Vessel**	Requirement to provide access and appropriate transportation if necessary to the disposal vessel to facilitate inspection by NRW or Marine Enforcement Officers upon reasonable notice.	✓	✓	dML condition 13(5) requires the Applicant to provide access, and if necessary appropriate transportation to the offshore construction site or any other associated works or vessels to facilitate any inspection that the ~~NRW~~Licensing Authority considers necessary to inspect the works during the construction and operation of the authorised scheme.

Condition Title	Heading	Summary	Generation licence (dML)	Transmission Licence (NRW ML)	DCO dML alignment/comment
					Note: this does not require reasonable notice to be given.
Activity Specific Conditions	**Record of Quantity of Disposed Material**	Requirement to keep a written log of Disposal Activities at the Designated Disposal Site. The log must be available for inspection by officers of NRW and Marine Enforcement Officers, and must contain: • the name of the vessel; •the quantity and type of each substance disposed at sea; • the date and time of Disposal Activities; and • latitude and longitude position (in WGS84) of the deposit within the Designated Disposal Site.	✓	✓	See dML condition 16(4) above. dML condition 18(1)(e)(iii) also requires submission of a waste management and disposal arrangements as part of the offshore environmental management plan. See row “Project Environmental Management Plan (PEMP)” above.
Activity Specific Conditions	**Decommissioning**	The NRW ML will not authorise decommissioning. Instead, a separate ML will be applied for to consent the decommissioning of all licensable activities for the generation and transmission assets. This ML will be applied for prior to decommissioning.	x	x	Although the dML is stated to be in place until the authorised scheme is decommissioned, separate standalone MLs will be applied for in relation to decommissioning activities prior to any decommissioning taking place.
Activity Specific Conditions	**Compliance Report**	Requirement to produce and submit a report on compliance with conditions in the marine licence to NRW at least 2 months prior to commencement of the Licenced Activities or an individual phase of such.	✓	✓	See dML condition 18(1)(l). The compliance report will be submitted four months in advance of commencement.
Parameters	**Project parameters**	See section 1.41.4.	✓	✓	See section 1.4 of this document.
Definitions	**Schedule of definitions**	See section 1.2 for list of definitions.	✓	✓	Additional definitions used in the dML that could be included in the NRW ML to align the two licences are listed in section 1.2 of this document.

1.2 Additional definitions

1.2.1.1 The following definitions are taken from the dML and could be included in the NRW ML to usefully align the two licences.

Table 1.2: Additional definitions.

Defined Term	Definition in dML
Authorised scheme	means the authorised development described as Work No. 1 and the further associated development described in paragraph 3 of Part 1 of this licence or any part of that work or development.
Cable	means up to 400kV cables for the transmission of electricity and includes direct lay cables, cables laid in cable ducts or protective covers, and further includes fibre optic and other communications cables either within the cable or laid alongside.
Cable protection	means measures to protect cables from physical damage including but not limited to concrete mattresses, with or without frond devices, and/or rock placement, the use of bagged solutions filled with grout or other materials.
Commence	means the first carrying out of any licensed marine activities, save for non-intrusive pre-construction surveys, ~~monitoring surveys,~~ unexploded ordnance surveys and clearance of low order unexploded ordnance, and "commenced" and "commencement" must be construed accordingly.
Foundation	means any one or more of: a multi-leg pin-piled jacket, multi-leg suction bucket jacket, or gravity base foundation.
Gravity base foundation	means a structure principally of steel, concrete, or steel and concrete with a base which rests on the seabed either due to its own weight with or without added ballast or additional skirts and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment.
High order unexploded ordnance clearance	means an unexploded ordnance clearance method which intentionally seeks to detonate the unexploded ordnance.
Inter-array cables	means the cables linking the wind turbine generators to each other and to the offshore substation platforms.
Interconnector cables	means the cables linking the offshore substation platforms to each other.
Jacket foundation	means a steel jacket/lattice-type structure constructed of steel, fixed to the seabed with steel pin piles or steel suction buckets and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment.
Layout Principles	means the layout development principles contained within Table 3.7 of the Environmental Statement ~~- Volume 1, Chapter 3: Project Description~~project description referred to as document F1.3 in Schedule 15.
Licensing Authority	means Natural Resources Wales acting on behalf of the Welsh Ministers pursuant to powers under the 2009 Act or any successor of that function.
Low order unexploded ordnance clearance	means an unexploded ordnance clearance method which does not seek to detonate the unexploded ordnance.

Defined Term	Definition in dML
Maintain	includes works to inspect, upkeep, repair, adjust or alter the authorised scheme, and remove, reconstruct or replace any part of the authorised scheme, provided that such works are undertaken in accordance with condition 11 and do not give rise to any materially new or materially new or materially different environmental effects to those identified in the environmental statement; and any derivative of "maintain" is to be construed accordingly.
Marine enforcement officer	means an officer acting on behalf of Welsh Ministers in relation to Welsh Minister's enforcement responsibilities for this marine licence and "MEO" must be construed accordingly.
Offshore substation platform	means a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad, containing— electrical equipment required to switch, transform or convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems; accommodation, storage, workshop auxiliary equipment and facilities for operating, maintaining and controlling the substation or wind turbine generators, including navigation, aviation and safety marking and lighting, systems for vessel access and retrieval, cranes, potable water supply, black water separation, stores, fuels and spares, communications systems and control hub facilities and other associated equipment and facilities.
Operation	means the undertaking of activities authorised by this Order which are not part of the construction, commissioning or decommissioning of the authorised development.
Scour protection	means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, mattresses with or without frond devices, and rock and gravel placement.
Suction bucket foundation	means a tubular steel structure which partially or fully penetrates the seabed and associated equipment, including scour protection, J-tubes, corrosion protection systems and access platforms and equipment.
Vessel	means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water.
Wind turbine generator	means a structure comprising a tower, rotor with three blades connected at the hub, nacelle and ancillary electrical and other equipment which may include J-tube(s), transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment including communications equipment, fixed to a foundation or transition piece.

1.3 Outline documents to be certified

1.3.1.1 The following outline documents are relevant to both the dML and NRW ML.

Table 1.3: Outline documents relevant to both the dML and NRW ML.

	Outline documents
1	Outline underwater sound management strategy (Document Reference J16)
2	Measures to minimise disturbance to marine mammals and rafting birds from transiting vessels (Document Reference J17)
3	Outline marine mammal mitigation protocol (Document Reference J21)
4	Offshore in-principle monitoring plan (Document Reference J15)
5	Outline fisheries liaison and co-existence plan (Document Reference J13)
6	Outline vessel traffic management plan (Document Reference J14)
7	Outline offshore operations and maintenance plan (Document Reference J12)
8	Outline offshore written scheme of investigation and protocol for archaeological discoveries (Document Reference J18)

1.4 Transmission project parameters

Table 1.4: Transmission project parameters.

Project element	Parameters
OSP platform jacket pin pile foundations	Maximum diameter of pin-piles for offshore substation platforms on jacket pin-pile foundations: 5.5 m
Gravity base foundations	Maximum diameter of gravity base foundations at the seabed for offshore substation platforms: 80 m
OSP suction bucket jackets	Maximum diameter of suction buckets for offshore substation platforms: 18 m
OSP number	Maximum number of offshore substation platforms: 4
OSP dimensions	Maximum dimensions of offshore substation platforms when measured from LAT (excluding towers, helipads, masts, lightning protection and cranes): (a) Height of main structure: 70 m (b) Length: 80 m (c) Width: 60 m
Seabed, scour and cables	Maximum total seabed footprint area for offshore substation foundations (including scour protection): 24,964 m^2 Maximum total length of offshore export cables: 360 km Maximum number of interconnector cables: 3 Maximum total length of interconnector cables: 50 km

1.5 Awel y Môr Transmission Marine Licence

Marine Licence with introductory note

The Marine and Coastal Access Act (2009)

Licence Holder: Awel y Môr Offshore Windfarm Ltd

Company Number 12270928

Windmill Hill Business Park
Whitehill Way
Swindon
Wiltshire
SN5 6PB

Awel y Môr Offshore Windfarm Transmission Assets

Licence Number:

ORML2233T

Awel y Môr Offshore Windfarm transmission assets

Marine Licence number: ORML2233T

Introductory note

This introductory note does not form a part of the marine licence

The main features of the marine licence are as follows:

Awel y Môr Offshore Windfarm transmission assets.

The status log of the marine licence sets out the marine licence history, including any subsequent marine licence variation(s)

Status log of this marine licence		
Description	**Date**	**Comments**
Application	Duly made on 20 June 2022	Application received and considered to be duly made
Date licence determined	15 November 2023	Determination date

Related marine licences or applications under determination

Marine Licence or Application Number	Date	Comments
ORML2233G	Issued 15 November 2023	Marine Licence for the generation assets of the Awel y Môr offshore windfarm project
ORML2233L	Issued 15 November 2023	Marine Licence for the connection between Awel y Môr and the Gwynt y Môr offshore windfarm
ORML2233C	Issued 15 November 2023	Marine Licence for directional drilling and cable laying under the Clwyd Estuary.

End of introductory note.

MARINE LICENCE, NUMBER ORML2233T

1 LICENCE DETAILS

1.1 Marine Licence

This is a licence granted by the Licensing Authority in respect of an application numbered **ORML2233** and duly made on **20 June 2022** and authorises the Licence Holder to carry on activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009, (2009 Act). This licence should be interpreted in accordance with **Section 4**.

1.2 Licence Holder

The Licence Holder is the company set out below:

Company name: Awel y Môr Offshore Windfarm Ltd
Company number: 12270928
Address: Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, SN5 6PB

1.3 Licence Validity

Licence Start Date	**15 November 2023**
Licence End Date	**31 December 2065**
Licence Issue Date	**15 November 2023**

1.4 Conditions

This licence is subject to the conditions set out in **Section 3.**

Signed:

[redacted]

Dr. Emmer Litt – Marine Licensing Team Leader

For and on behalf of the Licensing Authority

2 LICENSED ACTIVITIES

2.1 Project

Construction, Maintenance and Decommissioning of Awel y Môr Offshore Windfarm transmission assets consisting of;

- Up to two export cable circuits including cable ducts and cable crossing
- Up to two offshore substation platforms each fixed to the seabed by a foundation
- In the intertidal area, installation of up to two buried cable circuits including cable crossings, cable protection, cable ducts (if required), cofferdam works including piling, creation of pits for trenchless installation techniques, cable trenching works and removal and remediation of groynes

The following Licensed Activities can be conducted within the Licence Period, within the Licensed Area and in accordance with the Approved Application and the Approved Supporting Documents.

Table 1 Licensed Activities

Activity 1 Construction, Maintenance and Decommissioning of export cables and offshore substation platforms.	
Type of Licensed Activity	Deposit/Removal/Construction
Description	Construction, operation, maintenance and subsequent decommissioning of: • up to two subsea cable circuits including cable ducts (if required) and cable crossings; • up to two offshore substation platforms each fixed to the seabed by a foundation, and • in the intertidal area, installation of up to two buried cable circuits including cable crossings, cable protection, cable ducts (if required), cofferdam works including piling, creation of pits for trenchless installation techniques, cable trenching works and removal and remediation of groynes In connection with the above the following licensable activities may be carried out in line with the scope assessed by the Environmental Statement;

	• scour protection around the foundations of the offshore structures; • cable protection measures such as the placement of rock and of rock and/or concrete mattresses, with or without frond devices; • cable installation seabed preparation including pre-lay grapnel runs, sandwave and boulder clearance, and Mass or Controlled Flow Excavation. • creation and use of temporary vessel laydown areas, use of cable anchors; • dredging; • removal of static fishing equipment; • marking buoys and lighting, and • erection of temporary cofferdams during construction
Material types to be removed or deposited	(a) iron and steel, copper and aluminium (b) stone and rock (c) concrete (d) sand and gravel (e) plastic and synthetic (f) material extracted during construction drilling or seabed preparation for foundation works and cable sandwave preparation works (g) marine coatings, other chemicals and timber
Quantities/Dimensions	The offshore works must be constructed in accordance with the parameters assessed in the Environmental Statement, as detailed within Category 6: Environmental Statement *Volume 2, Chapter 1 : Offshore Project Description Revision B* submitted 31 May 2022; *Marine Licence Parameters Revision A* document dated 30 January 2023, and as set out in Appendix 1.
Activity 2 Ground investigation works	
Type of Licensed Activity	Removal
Description	The removal of sediment samples for the purposes of informing environmental monitoring under this licence during pre-construction, construction, operation and decommissioning in line with the approved Environmental Monitoring Plan detailed in condition 3.32

Material types to be removed or deposited	Seabed sediment - Stone/rock/sand/gravel
Activity 3 Removal of accidentally dropped objects pursuant to condition 3.7	
Type of Licensed Activity	Removal
Description, material types and quantities/dimensions	As approved by the Licensing Authority under condition 3.7

Table 2 Disposal Activities

Activity 4 Disposal to Designated Disposal Site IS067			
Marine Licensable Activity Type	Disposal		
Description	Source of inert material of natural origin and/or dredged material produced during construction and seabed preparation works associated with the Offshore Substation Platform detailed in Table 1. Methods of dredging such as Trailing Suction Hopper Dredge and backhoe dredging.		
Maximum Dredge Depth	5m below Chart Datum		
Maximum volume and tonnage of material to be disposed under this licence	Sampled Specific Gravity	m^3	Tonnage
	2	86,400	172,800 T
Designated Disposal Site	Site Code: IS067	Site Name: Awel y Môr	
Material Type	Sand/Gravel/Silt/Clay, as described in the application form submitted June 2022 and Disposal site Characterisation submitted 31 May 2022.		

2.2 Licensed Area

2.2.1 The Licence Holder is authorised to conduct the activities described in Table 1 seaward of the north-east coast of Wales bounded by the coordinates specified in Appendix 2 and as indicated in the plan attached at Appendix 3.

2.2.2 The Licence Holder is authorised to conduct the disposal activities described in Table 2 within the area bounded by the coordinates

specified in Table 3 and as indicated in the plan attached at Appendix 4.

Table 3 Permitted Disposal Site

Disposal Site [IS067]	
Latitude	**Longitude**
53.488026	-3.860382
53.490742	-3.610469
53.485303	-3.626856
53.478308	-3.646665
53.475379	-3.654959
53.468059	-3.675631
53.450518	-3.692121
53.445960	-3.687364
53.421681	-3.745937
53.432573	-3.798259
53.445229	-3.859244
53.445232	-3.859244
53.466627	-3.859813

In the event of any discrepancy between the coordinates and the plan attached at Appendix 3 and 4, the coordinates shall take precedence.

2.3 Approved Supporting Documents

Title/Description of Document	Date Submitted
Marine Licence Application Form Final update - 160622	17 June 2022
Category 6: Environmental Statement Volume 2, Chapter 1 : Offshore Project Description Revision B	31 May 2022
Marine Licence Plan Area Maps – Document Reference ML-2.13	31 May 2022
Schedule of Mitigation and Monitoring Deadline 8 Date 15 March 2023 Revision G. Document Reference 8.12	22 March 2023
Marine Licence Parameters Revision A	30 January 2023
Disposal Site Characterisation Revision A	31 May 2022
Category 6: Environmental Statement Volume 4 Annex 9.1 Navigational Risk Assessment	31 May 2022

3 CONDITIONS

Notification and Inspection

3.1 Notification of Commencement

3.1.1 The Licence Holder must notify the Licensing Authority no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.

3.1.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.

3.1.3 The Licence Holder must ensure that local mariners and fishermen's organisations, HM Coastguard and UKHO are made fully aware of the Licensed Activities through local notices to mariners **10 days** prior to the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence. The notice should detail the start date of the works and expected vessel routes from the port to the location.

3.1.4 The Licence Holder must ensure that local notification to marine users are updated and reissued at weekly intervals while construction activities are ongoing and at least **5 days** before any planned operations and maintenance works. This must be supplemented with VHF radio broadcasts agreed with the Maritime and Coastguard Agency.

3.1.5 The Licence Holder must notify The Kingfisher Information Service of Seafish no less than **14 days** prior to the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence. The notice should detail the start date of the works and expected vessel routes from the port to the location.

3.1.6 The Licence Holder must notify the Defence Geographic Centre, at least **14 days** prior to the commencement of Licences Activities, or an individual phase of the Licensed Activities, is expected to commence, in writing of the following information:

i. the date of the commencement of construction of the authorised project
ii. the date any offshore electrical installations are brought into use, and
iii. the maximum height of any construction equipment to be used.

3.2 Notification of Vessels and/or Vehicles

The Licence Holder must ensure that the details of the vessels and/or vehicles utilised to undertake the Licensed Activities are submitted to the Licensing Authority and Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) at least **24 hours** prior to the commencement of the Licensed Activities.

3.3 Notification of Agents/Contractors/Sub-contractors

The Licence Holder must ensure that details of any agent(s), contractor(s) or sub-contractor(s) utilised to undertake the Licensed Activities are submitted to the Licensing Authority at least **24 hours** prior to the commencement of Licensed Activities.

3.4 Notification of HM Coastguard

The Licence Holder must ensure that HM Coastguard is made aware of the Licensed Activities at least **24 hours** prior to commencement by contacting The National Maritime Operations Centre at **zone32@hmcg.gov.uk** and **renewables@hmcg.gov.uk.**

3.5 Inspection of Licensed Activities

The Licence Holder must allow Marine Enforcement Officers or any other person authorised by the Licensing Authority to inspect the Works at any reasonable time.

3.6 Notification of Completion

3.6.1 The Licence Holder must notify the Licensing Authority within **10 days** of completion of the Licensed Activities, or an individual phase of the Licensed Activities.

3.6.2 The Licence Holder must notify Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) within **10 days** of completion of the Licensed Activities, or an individual phase of the Licensed Activities.

3.6.3 The Licence Holder must notify the UK Hydrographic Office of the Licensed Area and the Licensed Activities within **10 days** of the completion of the Licensed Activities or an individual phase of the Licensed Activities.

3.6.4 The Licence Holder must notify The Kingfisher Information Service of Seafish as soon as reasonably practicable and no later than **24 hours** after completion of the Licensed Activities or an individual phase of the Licensed Activities.

3.7 Accident or Emergency

3.7.1 If, by reason of force majeure any substances or articles are deposited otherwise than as permitted as part of the Licensed Activities or in the Licensed Area full details of the circumstances shall be notified to the Licensing Authority, Trinity House and the Maritime and Coastguard Agency within **48 hours** of the incident occurring.

3.7.2 If it is necessary for the Licence Holder to recover or remove any equipment, plant or machinery used to undertake the Licensed Activities that have been dropped as a result of an accident or emergency, the Licence Holder is permitted to do so provided that the methodology for such recovery or removal has been approved by the Licensing Authority.

3.7.3 The Licence Holder must submit a Dropped Object Plan (DOP) to the Licensing Authority for written approval at least **4 months** prior to commencement of Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.7.4 The Licence Holder must ensure that any actions outlined in the DOP detailed in condition 3.7.3 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the action outlined in the document must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.8 Distribution of Copies of this Licence

The Licence Holder is required to ensure that a copy of this Licence is given to:

- All agent(s), contractor(s) and sub-contractor(s) whose names have been provided to the Licensing Authority under condition 3.3 and
- The Masters of any vessels and transport managers responsible for the vehicles employed in accordance with this Licence whose details have been submitted to the Licensing Authority under condition 3.2.

3.9 Inspection of Documents

Copies of this Licence shall be made available at the following locations:

- at the address of the Licence Holder specified in section 1.2;
- at any site office, located at or adjacent to the Licensed Area, used by the Licence Holder or its agent(s), contractor(s) or sub-contractor(s) responsible for the loading transportation or deposit of any substances or articles permitted as part of the Licensed Activities;
- on board each vessel or vehicle carrying out Licensed Activities.

The documents referred to in this Condition shall be available at all reasonable times for inspection by officers appropriately authorised by the Licensing Authority and authorised Marine Enforcement Officers at the locations stated in that paragraph.

Vessels, Plant and Equipment

3.10 Notified Contractors, Vessels and/or Vehicles only to Carry out Licensed Activities

Only those agent(s), contractor(s), sub-contractor(s), vessels and/or vehicles whose details have been notified to the Licensing Authority may operate under the terms of this Licence. Any changes must be notified to the Licensing Authority and Welsh Government Marine & Fisheries Division (Control & Enforcement Branch) in writing prior to any such agent, contractor, subcontractors or vehicles carrying out any Licensed Activities pursuant to or otherwise operating under this Licence.

3.11 Equipment, Structures and Access

The Licence Holder must ensure that all equipment, temporary structures, access tracks, waste and/or debris associated with the Licensed Activities are removed on completion of the Licensed Activities.

Safety

3.12 Removal of Deposited Material

If the Licensing Authority considers it necessary or advisable for the safety of navigation, the Licence Holder must remove any deposit specified by the Licensing Authority or Marine Enforcement Officers within one month of notice being given by the Licensing Authority, or as otherwise agreed, and shall not replace such material until the Licensing Authority has given its written approval.

Pollution control

3.13 Pollution Prevention

The Licence Holder must ensure that pollution prevention best practice is adhered to at all times. Any incidents must be reported to the Licensing Authority as soon as possible using the hotline number **0300 065 3000**.

3.14 Spillage of Pollutants

The Licence Holder must employ bunding, storage facilities and spill kits to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Secondary containment must be used with a capacity of **no less than 110%** of the container's storage capacity

3.15 Prevention of Disposal of Man-made Debris

The Licence Holder must ensure that all reasonable precautions are taken to prevent the disposal of man-made debris to the marine environment. Such material must be removed immediately and be disposed of appropriately.

Activity-specific Conditions

3.16 Project Parameters

3.16.1 The Licence Holder must ensure the Licensed Activities fall within the parameters detailed within Category 6: Environmental Statement *Volume 2, Chapter 1 : Offshore Project Description Revision B* submitted 31 May 2022, detailed within *Marine Licence Parameters Revision A* dated 30 January 2023 and as set out in Appendix 1.

3.16.2 No Works relating to the Offshore Substation Platform shall be carried out until the Licensing Authority has given written approval.

3.17 Cable Specification and Installation Plan

3.17.1 The Licence Holder must submit a Cable Specification and Installation Plan (CSIP) to the Licensing Authority for written approval at least **4 months** prior to commencement of the cable construction and deposit

works outlined in Table 1 or an individual phase of cable construction and deposit work**.** No deposit of cable and cable protection may be undertaken prior to written agreement from the Licensing Authority. The CSIP must include the following information unless otherwise approved by the Licensing Authority (parameter envelopes should be provided if necessary).

i. Technical specifications;
ii. Location, including outlines of cable crossings, burial, and surface laid sections;
iii. Timings, including duration of intertidal works;
iv. Burial risk assessment to ascertain burial depths and cable laying techniques including cable protection. The assessment should identify any cable protection that exceeds 5% of navigable depth referenced to chart datum. In the event that any area of cable protection exceeding 5% of navigable depth is identified, the details of any steps to be taken to ensure existing and future safe navigation is not compromised, should be presented;
v. Proposed locations, types, and quantities of cable protection to be deposited;
vi. Installation and cable laying techniques;
vii. Cable crossing armouring methodology;
viii. Installation machinery failure contingency plan;
ix. Transport management plan;
x. Location, type, and quantity of any wet-stored cabling and/or cable protection and the proposed duration of the wet storage
xi. Proposals for monitoring offshore cables including cable protection during the operational lifetime of the authorised scheme which includes a risk based approach to the management of unburied or shallow buried cables, and
xii. Specific consideration to be given to the choice of cable protection material that can be demonstrated to maximise environmental biodiversity benefits, whilst meeting technical need.

3.17.2 The Licence Holder must ensure that any actions outlined in the CSIP detailed in condition 3.17.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.18 Programme of Works

3.18.1 The Licence Holder must submit a Programme of Works for each individual phase of the Licensed Activities to the Licensing Authority for written approval at least **4 months** prior to commencement. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.18.2 The Programme of Works for each individual phase of the Licensed Activities must include:

i. The planned timetable for each of the Licensed Activities.
ii. A plan for notifying the Licensing Authority, Maritime and Coastguard Agency and Trinity House of the commencement and completion of each phase of licensed activities and of any changes to the planned timetable.
iii. A full list of materials to be deposited and removed from the marine environment.

3.18.3 The Licence Holder must ensure that any actions outlined in the Programme of Works detailed in condition 3.18.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.19 Operations and Maintenance Plan (OMP)

3.19.1 The Licence Holder must submit a OMP to the licensing Authority for written approval at least 4 months prior to operation. Operation may not commence prior to written approval from the Licensing Authority. The OMP must include detail of the methodology for operation and maintenance of infrastructure, and must include a timescale for the periodic review of the document.

3.19.2 The Licence Holder must ensure that any actions outline in the OMP detailed in condition 3.19.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.20 Installed Cable Report

3.20.1 The Licence Holder must provide to the Licensing Authority the following information within **4 months** of completion of the Licensed Activities for written approval:

i. The final locations (in WGS84) and technical specifications of the cables
ii. The final locations (in WGS84) of buried and surface-laid sections of the cables;
iii. The final locations (in WGS84), types, and quantities of cable protection used, deposited, or installed, and
iv. Identification of potential dangers to navigation

3.20.2 In the event that any potential danger to navigation is identified following the completion of the Licensed Activities the Licence Holder must propose measures to ensure the safety of navigation in writing to the Licensing Authority for written approval. The measures must be implemented as approved by the Licensing Authority.

3.21 Post Construction As-Built Report

3.21.1 The Licence Holder must provide to the Licensing Authority the following information within **4 months** of completion of construction of the Offshore Substation Platforms for written approval:

i. Confirmation of construction completion date;
ii. As built plans;
iii. Latitude and longitude coordinates of the centre point of the location for offshore substation platform; provided as Geographical Information System data referenced to WGS84 datum.
iv. latitude and longitude coordinates of export cable routes; provided as Geographical Information System data referenced to WGS84 datum.

3.21.2 In the event that any potential danger to navigation is identified following the completion of the Licensed Activities the Licence Holder must propose measures to ensure the safety of navigation in writing to the Licensing Authority for written approval. The measures must be implemented as approved by the Licensing Authority.

3.22 Project Environmental and Management Plan (PEMP)

3.22.1 The Licence Holder must submit a PEMP to the Licensing Authority for written approval at least **6 weeks** prior to commencement of the Licensed Activities. The PEMP must include a Marine Pollution Contingency Plan. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.22.2 The Licence Holder must ensure that any actions outlined in the PEMP detailed in condition 3.22.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.23 Project Layout Plan

3.23.1 The Licence Holder must submit a Project Layout Plan to the Licensing Authority for written approval at least **6 months** prior to the commencement of Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. The plan should set out the proposed details of the project, including:

(i) the number, dimensions, specification, foundation type(s) and depth for each offshore substation platforms;
(ii) the grid coordinates of the centre point of the proposed location for each offshore substation platform;
(iii) proposed layout of all cables, and
(iv) location and specification of all other aspects of the authorised project.

3.23.2 The Licence Holder must ensure that any actions outlined in the Project Layout Plan detailed in condition 3.23.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the

action outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.24 Lighting and Marking

3.24.1 The Licence Holder must submit a Lighting and Marking Plan to the Licensing Authority for written approval at least **4 months** prior to commencement of the Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. The Lighting and Marking Plan must consider all stages of the Licensed Activities and provide details on location and specification of all infrastructure and aspects of the Project, navigation lights and markings of infrastructure, in addition to any additional aids to navigation required.

3.24.2 The Licence Holder must ensure that any actions outlined in the Lighting and Marking Plan detailed in condition 3.24.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.24.3 The Licence Holder must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the Lighting and Marking Plan using the reporting system provided by Trinity House.

3.24.4 The Licence Holder must ensure that the Licensed Activities exhibit such lights, marks, sounds, signals and other aids to navigation and to take such steps for the prevention of danger to navigation as directed by Trinity House.

3.24.5 The Licence Holder must during the whole period from the commencement of construction of the authorised project to the completion of decommissioning, notify the Licensing Authority and Trinity House of any failure of the aids to navigation and the timescales and plans for remedying such failures, as soon as possible and no later than **24 hours** following the undertaker becoming aware of any such failure.

3.24.6 The Licence Holder must exhibit such lights, with such shape, colour and character as are required by Air Navigation Order 2016 and determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

3.24.7 The Licence Holder must ensure that the lights installed in accordance with condition 3.24.6 will be operated at the lowest permissible lighting intensity level.

3.25 Navigational Safety

3.25.1 The Licence Holder must ensure a regular programme of monitoring of structure condition. In case of damage, destruction or decay of any structure or part of a structure, excluding the exposure of cables, the Licence Holder shall, as soon as possible and no later than 24 hours after becoming aware of such damage, destruction or decay, notify Trinity House, Maritime and Coastguard Agency, Kingfisher Information Service or Seafish, UKHO and the Licensing Authority.

3.25.2 In the event of buried cables becoming exposed on or above the seabed, the Licence Holder must issue a notice to mariners and notify the Kingfisher Information Service of the location and extend of exposure no later than **3 days** following its identification. Copies of all said notices must be provided to the Licensing Authority, Trinity House and Maritime and Coastguard Agency within **5 days**.

3.25.3 No part of the Licensed Activities may commence prior to written approval from the Licensing Authority in consultation with the Maritime and Coastguard Agency that a Search and Rescue checklist has been agreed and is in place in line the requirements of MGN654 “Offshore Renewable Energy Installations *OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response (or any successor document)

3.26 Depth Reduction

The Licence Holder must ensure that any depth reductions resulting from cable protection activity do not compromise safe navigation and that there is no more than 5% reduction in surrounding depth referenced to Chart Datum at any location within the Licensed Area without prior written approval from the Licensing Authority.

3.27 Colouring of Infrastructure

The Licence Holder must colour all structures yellow (colour code RAL 1023) from at least the waterline to a height as directed by Trinity House. Unless the Licensing Authority otherwise directs, the Licence Holder must paint the remainder of the structures grey (colour code RAL 7035).

3.28 Offshore Construction Method Statement (CMS)

3.28.1 The Licence Holder must submit a CMS to the Licensing Authority for written approval at least **4 months** prior to commencement of the Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.28.2 The Licence Holder must ensure that any actions outlined in the CMS detailed in condition 3.28.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.29 Biosecurity Plan

3.29.1 The Licence Holder must submit a Biosecurity Plan to the Licensing Authority for written approval at least **4 months** prior to commencement of the Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.29.2 The Licence Holder must ensure that any actions outlined in the Biosecurity Plan detailed in condition 3.29.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.30 Vessel Traffic Management Plan

3.30.1 The Licence Holder must submit a Vessel Traffic Management Plan to the Licensing Authority for written approval at least **4 months** prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.30.2 The Licence Holder must ensure that any actions outlined in the Vessel Traffic Management Plan detailed in condition 3.30.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.31 Marine Mammal Mitigation Protocol

3.31.1 The Licence Holder must submit a Marine Mammal Mitigation Protocol to the Licensing Authority for written approval at least **4 months** prior to commencement of piling activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.31.2 The Licence Holder must ensure that any actions outlined in the Marine Mammal Mitigation Protocol detailed in condition 3.31.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.32 Environmental Monitoring Plan

3.32.1 The Licence Holder must submit an Environmental Monitoring Plan (EMP) including the specification of the Pre-construction, construction and Post construction Monitoring to the Licensing Authority for written approval. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

The EMP must include, but not limited to**,** specification for**:**

i. monitoring, including methodologies and timings;

ii. physical and ecological pre- and post-construction monitoring surveys to take place across the construction area;
iii. monitoring surveys designed to ensure minimal disturbance to and loss of key benthic habitats and species during the construction including the identification of areas for micro-sitting where possible;
iv. underwater noise monitoring to measure noise generated from piled foundations;
v. ornithological monitoring plan, and
vi. timetable for related reporting.

3.32.2 The Licence Holder must ensure that any actions outlined in the EMP detailed in condition 3.32.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.32.3 The pre-construction monitoring EMP required under condition 3.32.1 must be submitted to the Licensing Authority for written approval at least **4 months** before surveys commence.

3.32.4 The construction monitoring EMP required under condition 3.32.1 must be submitted to the Licensing Authority for written approval at least **4 months** prior to construction.

3.32.5 The post construction monitoring EMP required under condition 3.32.1 must be submitted to the Licensing Authority for written approval at least **4 months** prior to operation.

3.32.6 The Licence Holder must submit environmental monitoring reports for approval to the Licensing Authority in accordance with the timetable approved within the EMP.

3.33 UK Marine Noise Registry

3.33.1 The Licence Holder must complete an entry into the UK Marine Noise Registry detailing the proposed dates and locations and nature of the Impact Pile Driving Activities at least **10 days** prior to its commencement.

3.33.2 The Licence Holder must amend the marine noise registry proposed activity form should the timing of the Impact Pile Driving alter or no longer remain part of the project.

3.33.3 The Licence Holder must complete an entry into the Marine Noise Registry detailing the actual dates, location(s) and nature of the Impact Pile Driving every **6 months** following the commencement of Impact Pile Driving until the completion of Impact Pile Driving with the final entry to be completed within **8 weeks** of completion of the noisy activity.

3.34 Scour Protection Management Plan

3.34.1 The Licence Holder must submit a Scour Protection Management Plan to the Licensing Authority for written approval at least **4 months** prior to commencement of any Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.34.2 The Licence Holder must ensure that any actions outlined in the Scour Protection Management Plan detailed in condition 3.34.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.35 Marine Archaeology

3.35.1 The Licence Holder must submit a Protocol for Archaeological Discoveries (PAD) to the Licensing Authority for written approval at least **4 months** prior to commencement of any Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.35.2 The Licence Holder must ensure that any actions outlined in the PAD detailed in condition 3.35.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.35.3 The Licence Holder must submit an Offshore Written Scheme of Investigation (Offshore WSI) to the Licensing Authority for written approval at least **4 months** prior to commencement of any Licensed Activities or an individual phase of Licenced Activities. The Offshore WSI must be in accordance with the outline Offshore WSI (*Application Reference 8.3 Outline Offshore Archaeological Written Scheme of Investigation*). No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. The Offshore WSI must detail the archaeological assessment and mitigation works offshore and within the inter-tidal area including providing the position and extent of Archaeological Exclusion Zones and establish methods for their monitoring.

3.35.4 The Licence Holder must ensure that any actions outlined in the Offshore WSI detailed in condition 3.35.3 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.36 Fisheries Co-Existence and Liaison Plan

3.36.1 The Licence Holder must submit a Fisheries Co-Existence and Liaison Plan to the Licensing Authority for written approval at least **4 months** prior to commencement of the Licensed Activities or an individual phase

of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.36.2 The Licence Holder must ensure that any actions outlined in the Fisheries Co-Existence and Liaison Plan detailed in condition 3.36.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.37 Chemical Risk Assessment (CRA)

The Licence Holder must produce and implement a CRA report. The Licence Holder must ensure that the CRA report is available for inspection at all reasonable times at the location detailed in paragraph 3.9 by the Licensing Authority and/or Marine Enforcement Officers.

The CRA must include details of:

i. how and when chemicals are used, stored and transported;
ii. best practice guidelines for the equipment/techniques used, and
iii. an assessment of the integrity of the equipment and the risk of spills.

3.38 Navigation Monitoring Specification

3.38.1 The Licence Holder must ensure that a Navigation Monitoring Specification for pre-construction and post construction navigation monitoring survey is submitted to the Licensing Authority for written approval at least **4 months** prior to commencement of any Licensed Activities or an individual phase of Licenced Activities. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. Unless otherwise approved by the Licensing Authority, the Navigation Monitoring Specification must include but not limited to:

i. Detailed swath bathymetric survey to IHO Order 1a of the Licensable Area extending to appropriate buffer around the site.
ii. All proposed cable routes.
iii. Vessel traffic monitoring by automatic identification system (AIS) for the duration of the construction period and for three consecutive years following the completion of the construction of the authorised project, unless otherwise agreed with the Licensing Authority.
iv. Detail of the programme/timetable of monitoring and reporting.
v. Proposals for monitoring offshore cables including cable protection during the operational lifetime of the authorised scheme which includes a risk based approach to the management of unburied or shallow buried cables.
vi. Compliance with MGN 654 (Safety of Navigation: Offshore Renewable Energy Installations (OREIs) - Guidance on UK Navigational Practice, Safety and Emergency Response), (or any successor document) and its supporting 'Hydrographic

Guidelines for Offshore Renewable Energy Developer including the submission of full density data and reports to the Maritime and Coastguard Agency and the UK Hydrographic Office for the update of nautical charts and publications.

3.38.2 The Licence Holder must ensure that any actions outlined in the Navigation Monitoring Specifications detailed in condition 3.38.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.38.3 The Licence Holder must submit a report to the Licensing Authority for written approval in line with timetable agreed in the Navigation Monitoring Specification.

3.38.4 In accordance with condition 3.38.1 the Licence Holder must complete hydrographic surveys of the Licensed Area, or subsections thereof, to the IHO Order 1a survey standard. On completion of these surveys the results and corresponding report of survey must be submitted to the UK Hydrographic Office, with notification to the Maritime and Coastguard Agency.

3.39 Disposal Returns

3.39.1 Certified returns of quantities of substances or articles deposited under this Licence are required to be submitted in writing to the Licensing Authority by **31 January** and **31 July** each year. The returns must specify the full Licence number and amount deposited (tonnage) each calendar month at each authorised Deposit Area. Where no deposit is made in a given period a NIL return is required.

3.39.2 If this Licence expires during the course of the calendar year and is not superseded by a further Licence relating to the Licensed Activities, a certified return of quantities of substances or articles deposited under this Licence shall be submitted in writing to the Licensing Authority not later than **28 working days** after the Licence End Date.

3.40 Inspection of Disposal Vessel

Subject to meeting any mandatory health and safety obligations, the Licence Holder must provide, at reasonable notice, access and, if necessary, appropriate transportation to the disposal vessel to facilitate any inspection that the Licensing Authority, or Marine Enforcement Officers consider may be necessary.

3.41 Record of Quantity of Disposed Material

The Licence Holder must keep a written log of Disposal Activities at the Designated Disposal Site as described in Table 2. This log must be available for inspection by appropriately authorised officers of the Licensing Authority and Marine Enforcement Officers. The Log must contain the following information:

- the name of the vessel;
- the quantity and type of each substance disposed at sea;
- the date and time of Disposal Activities, and
- latitude and longitude position (in WGS84) of the deposit within the Designated Disposal Site.

3.42 Decommissioning Programme

3.42.1 The Licence Holder must submit a Decommissioning Programme for the approval of the Licensing Authority at least **4 months** prior to commencement of any Licensed Activities or an individual phase of Licenced Activities.

3.42.2 The Decommissioning Programme must include a timetable and decommissioning method statement. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

3.42.3 The Licence Holder must review and submit an updated Decommissioning Programme for the approval of the Licensing Authority at least 4 months prior to any decommissioning work taking place. No decommissioning work can take place prior to written approval from the Licensing Authority.

3.42.4 The Licence Holder must ensure that any actions outlined in the Decommissioning Programme detailed in condition 3.42.3 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

3.42.5 The Licence Holder must ensure that all structures and cables are decommissioned prior to the Licence End Date unless otherwise approved by the Licensing Authority.

3.42.6 Post Decommissioning the Licence Holder must conduct a swath bathymetric survey of the cable route and the installed generating assets area and provide the data and survey report(s) to the Maritime and Coastguard Agency and UK Hydrographic Office.

3.43 Compliance Report

3.43.1 The Licence Holder must produce and submit a report on compliance with the conditions in this Marine Licence for the approval of the Licensing Authority at least **2 months** prior to commencement of the Licensed Activities or an individual phase of Licenced Activities.

3.43.2 The report must identify where the monitoring has been or is to be undertaken for each phase of construction and identify relevant plans and how conditions have been and are to be addressed. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority.

4 INTERPRETATION

In this Licence terms are as defined in section 115 of the Marine and Coastal Access Act unless otherwise stated.

i. "**2009 Act**" means the Marine and Coastal Access Act 2009;
ii. "**Approved Application**" means the Marine Licence Application Form together with the Approved Supporting Documents;
iii. "**Approved Supporting Documents**" means the documents supporting, or supplementary to, the Approved Application, submitted prior to the Licence Issue Date, listed in the Table at paragraph 2.3 above;
iv. "**Commencement**" means the first undertaking of any Licensed Activities;
v. **"Force majeure**" may be deemed to apply when, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the substances or articles because the safety of human life and/or of the vessel is threatened;
vi. "**Licensed Activities**" means the activities authorised by this licence as specified in 2.1;
vii. "**Licensed Area**" means the area within which Licensed Activities are authorised by this licence as specified in section 2.2;
viii. "**Licence Holder**" means the person(s) or organisation(s) named in section 1.2 to whom this licence is granted;
ix. "**Licence Period**" means the period beginning with the Licence Start Date and ending on the Licence End Date;
x. "**Licensing Authority**" means Natural Resources Wales acting on behalf of the Welsh Ministers;
xi. "**Maintain**" includes inspect, repair, adjust or alter the Licensable Activities, and remove, reconstruct or replace any part, provided that such works do not give rise to any materially new or materially different environmental effects to those identified in the environmental statement and any derivative of "maintain" is to be construed accordingly.
xii. "**Marine Enforcement Officers**" means the relevant officers appointed by Welsh Ministers under section 235 of the 2009 Act, contact details for whom are provided in section 5;
xiii. **"Marine Licence Application Form"** means the application form forming part of the application referred to in paragraph 1.1;
xiv. "**Method Statement"** means the Method Statement(s) forming part of the Approved Application or Approved Supporting Documents;
xv. "**Offshore Substation Platforms**" means the offshore structures housing or incorporating electrical equipment such as switchgear and transformers and high voltage reactive controls, electrical systems such as metering and control systems, J-tubes, landing facilities for vessels and helicopters, re-fuelling facilities, vessel charging facilities, communication and control systems, auxiliary and uninterruptible power

supplies, energy storage systems, standby electricity generation equipment, cranes, storage for waste and consumables including fuel, marking and lighting and other associated equipment and facilities

xvi. "**Structure**" means anything constructed or deposited as authorised by this licence as specified in 2.1

xvii. "**Works**" means any construction activities comprised in the Licensed Activities and, where the context permits, includes any plant, equipment or materials used to carry out those activities or operations but excludes monitoring, minor routine maintenance or other ongoing operational activities following completion of any construction activities;

xviii. all times shall be taken to be the time in Greenwich Mean Time (GMT) on any given day;

xix. all co-ordinates shall be taken to be latitude and longitude decimal degree (WGS 84)

xx. in the event of any discrepancy between the coordinates listed in paragraph 2.2 and the plan attached at Appendix 2, the coordinates shall take precedence.

5 CONTACTS

Except where otherwise indicated, the primary point of contact with the Licensing Authority and the address for returns, correspondence and requests for variations of the licence is:

Marine Licensing Team
Natural Resources Wales
Permitting Service
29 Newport Road
Cambria House
Cardiff
CF24 0TP

Tel: 0300 065 3000
Email: marinelicensing@naturalresourceswales.gov.uk

Welsh Government Marine Enforcement Officers may be contacted at:

Welsh Government
Suite 3
Cedar Court
Haven's Head Business Park
Milford Haven Pembrokeshire
SA73 3LS

Tel: 03000253500
Email: wfmccmpc@gov.wales

Appendix 1 – Project Parameters

Parameter	Value
Maximum pile diameter of single pile structures (m)	15
Maximum pile diameter of two or more pile structures (m)	8
Maximum number of offshore substations	2
Maximum dimensions of offshore substations: Height when measured from MHWS (m) Length (m) Topside area (m^2)	 77.3 80 4,000
Maximum total seabed footprint area for offshore substation foundations (excluding scour protection) (m^2)	14,000
Maximum total seabed footprint area for offshore substation foundations (including scour protection) (m^2)	21,600
Maximum volume of natural material for disposal	86,400 m^3 (172,800 T) related to Offshore Substation Platform
Maximum total volume of scour protection for offshore substations (m^3)	43,200
Maximum total length of cables (km)	69.4
Maximum volume of cable protection (m^3)	226,892
Maximum footprint of cable protection (m^2)	251,767
Maximum number of cable crossings	17

Appendix 2 – Co-ordinates of Licensed Area

Latitude	Longitude
53.3361	-3.4516
53.3357	-3.4514
53.3357	-3.4513
53.3358	-3.4512
53.3358	-3.4510
53.3358	-3.4508
53.3358	-3.4506
53.3358	-3.4504
53.3360	-3.4497
53.3363	-3.4480
53.3365	-3.4471
53.3366	-3.4462
53.3367	-3.4457
53.3363	-3.4454
53.3343	-3.4439
53.3341	-3.4439
53.3340	-3.4442
53.3340	-3.4443
53.3339	-3.4445
53.3339	-3.4447
53.3338	-3.4449
53.3337	-3.4453
53.3336	-3.4454
53.3336	-3.4456
53.3335	-3.4459
53.3333	-3.4465
53.3332	-3.4467
53.3332	-3.4468
53.3332	-3.4469
53.3332	-3.4471
53.3330	-3.4476
53.3330	-3.4479
53.3330	-3.4479
53.3329	-3.4481
53.3329	-3.4482
53.3329	-3.4483
53.3328	-3.4485
53.3328	-3.4485
53.3328	-3.4485
53.3328	-3.4486
53.3328	-3.4486
53.3328	-3.4487
53.3328	-3.4487
53.3327	-3.4488
53.3327	-3.4490
53.3327	-3.4491
53.3325	-3.4497
53.3324	-3.4501
53.3324	-3.4502
53.3324	-3.4502

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53.3324	-3.4503
53.3323	-3.4504
53.3323	-3.4505
53.3323	-3.4507
53.3323	-3.4509
53.3323	-3.4510
53.3322	-3.4511
53.3322	-3.4511
53.3322	-3.4512
53.3322	-3.4512
53.3322	-3.4513
53.3322	-3.4513
53.3322	-3.4514
53.3321	-3.4516
53.3321	-3.4517
53.3321	-3.4518
53.3321	-3.4519
53.3321	-3.4520
53.3321	-3.4521
53.3321	-3.4522
53.3320	-3.4525
53.3320	-3.4525
53.3319	-3.4530
53.3318	-3.4533
53.3318	-3.4535
53.3318	-3.4537
53.3318	-3.4537
53.3318	-3.4538
53.3318	-3.4539
53.3318	-3.4539
53.3318	-3.4540
53.3317	-3.4542
53.3317	-3.4543
53.3317	-3.4545
53.3316	-3.4548
53.3315	-3.4550
53.3315	-3.4552
53.3315	-3.4552
53.3315	-3.4553
53.3315	-3.4553
53.3315	-3.4554
53.3314	-3.4556
53.3314	-3.4558
53.3313	-3.4560
53.3313	-3.4561
53.3313	-3.4564
53.3313	-3.4565
53.3313	-3.4565
53.3312	-3.4566
53.3312	-3.4571
53.3311	-3.4575
53.3310	-3.4576
53.3310	-3.4577
53.3310	-3.4578

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53.3310	-3.4578
53.3310	-3.4579
53.3309	-3.4582
53.3309	-3.4583
53.3308	-3.4585
53.3308	-3.4587
53.3307	-3.4589
53.3317	-3.4593
53.3323	-3.4596
53.3324	-3.4596
53.3326	-3.4596
53.3326	-3.4596
53.3326	-3.4597
53.3326	-3.4597
53.3327	-3.4598
53.3329	-3.4610
53.3331	-3.4624
53.3339	-3.4655
53.3351	-3.4699
53.3408	-3.4862
53.3438	-3.5017
53.3465	-3.5278
53.3475	-3.5372
53.3706	-3.5820
53.3830	-3.6085
53.3846	-3.6105
53.3857	-3.6117
53.3869	-3.6127
53.3881	-3.6136
53.3892	-3.6145
53.3903	-3.6151
53.3913	-3.6155
53.3922	-3.6156
53.3934	-3.6156
53.3950	-3.6151
53.3964	-3.6221
53.3968	-3.6243
53.3980	-3.6309
53.3998	-3.6400
53.4012	-3.6475
53.4044	-3.6637
53.4070	-3.6762
53.4100	-3.6897
53.4134	-3.7062
53.4141	-3.7093
53.4161	-3.7192
53.4187	-3.7321
53.4217	-3.7460
53.4217	-3.7460
53.4326	-3.7983
53.4452	-3.8592
53.4460	-3.8630
53.4847	-3.8641
53.4857	-3.8641

53.4874	-3.8641
53.4880	-3.8641
53.4880	-3.8623
53.4880	-3.8604
53.4907	-3.6105
53.4853	-3.6269
53.4783	-3.6467
53.4754	-3.6550
53.4681	-3.6756
53.4597	-3.6835
53.4593	-3.6839
53.4505	-3.6921
53.4482	-3.6897
53.4471	-3.6886
53.4460	-3.6874
53.4336	-3.6745
53.4235	-3.6639
53.4132	-3.6348
53.4054	-3.6006
53.4049	-3.6003
53.4046	-3.6000
53.4043	-3.5997
53.4038	-3.5992
53.4033	-3.5988
53.4028	-3.5984
53.4023	-3.5980
53.4021	-3.5978
53.4018	-3.5976
53.4011	-3.5970
53.4008	-3.5968
53.4000	-3.5962
53.3995	-3.5958
53.3993	-3.5956
53.3990	-3.5954
53.3987	-3.5952
53.3984	-3.5950
53.3981	-3.5949
53.3976	-3.5947
53.3972	-3.5945
53.3970	-3.5943
53.3967	-3.5943
53.3962	-3.5942
53.3956	-3.5941
53.3953	-3.5940
53.3948	-3.5940
53.3943	-3.5941
53.3938	-3.5941
53.3936	-3.5941
53.3932	-3.5942
53.3928	-3.5943
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53.3906	-3.5956
53.3905	-3.5956
53.3904	-3.5957
53.3903	-3.5957
53.3902	-3.5956
53.3901	-3.5956
53.3900	-3.5956
53.3900	-3.5956
53.3899	-3.5955
53.3898	-3.5955
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53.3894	-3.5950
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53.3893	-3.5948
53.3892	-3.5946
53.3870	-3.5901
53.3860	-3.5880
53.3789	-3.5733
53.3592	-3.5363
53.3558	-3.5294
53.3552	-3.5248
53.3519	-3.4973
53.3492	-3.4811

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53.3438	-3.4645
53.3421	-3.4590
53.3416	-3.4577
53.3415	-3.4570
53.3406	-3.4544
53.3404	-3.4543
53.3403	-3.4542
53.3401	-3.4541
53.3398	-3.4539
53.3395	-3.4537
53.3393	-3.4536
53.3389	-3.4534
53.3376	-3.4527
53.3373	-3.4525
53.3371	-3.4524
53.3368	-3.4522
53.3366	-3.4520
53.3361	-3.4516

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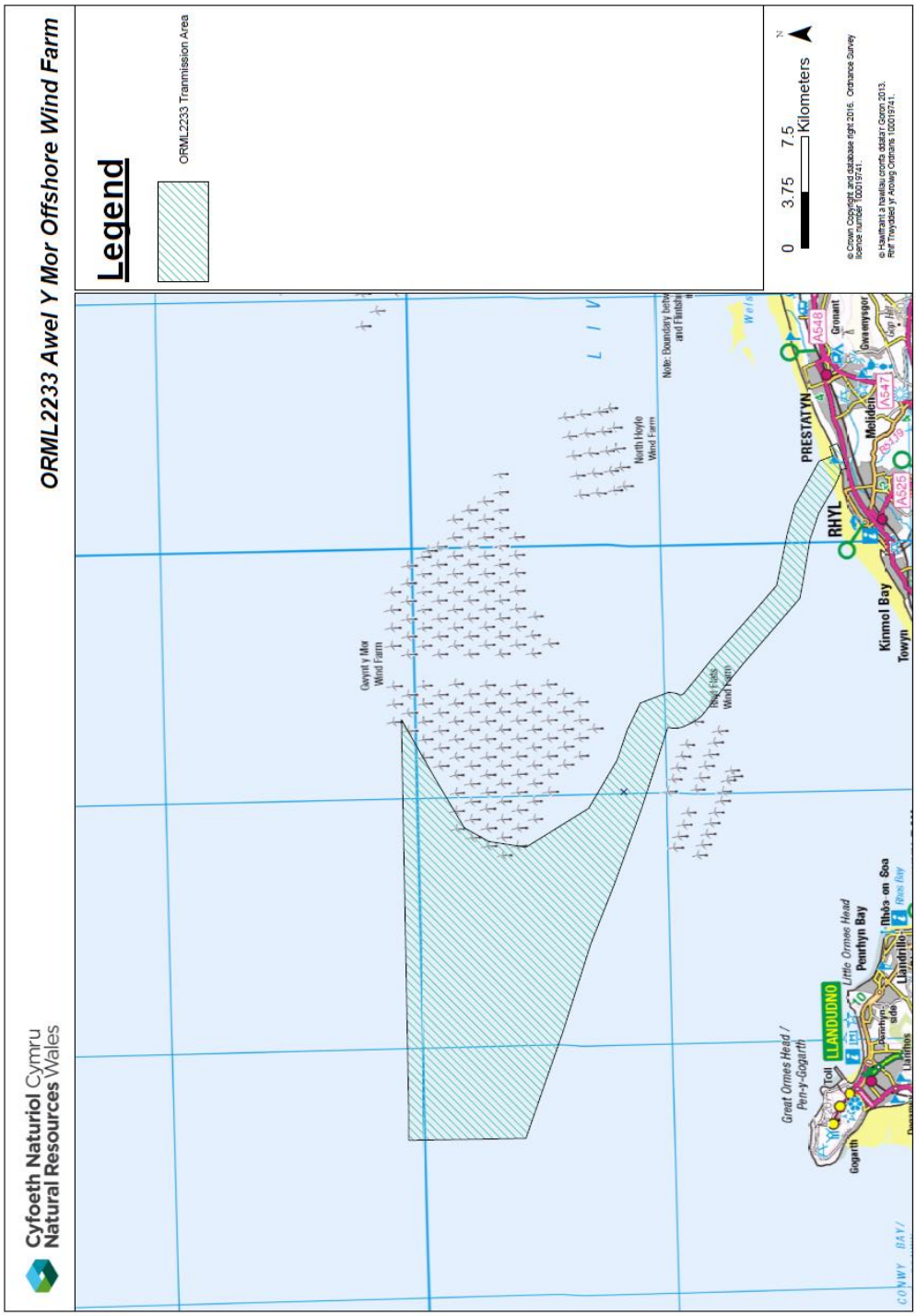
Appendix 3 – Location of Licensed Area ORML2233T



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Appendix 4 – Location of Designated Disposal Site