

# Marine Licence with introductory note

The Marine and Coastal Access Act (2009)

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Licence Holder: Milford Haven Port Authority

**Head Office  
Gorsewood Drive  
Milford Haven  
SA73 3EP**

**Pembroke Dock Infrastructure Project**

Licence Number:

**CML2057v1**

# Pembroke Dock Infrastructure Project

## Marine Licence number: CML2057v1

### Introductory note

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

The main features of the marine licence are as follows.

- Capital dredging around the slipways and within the Graving Dock;
- The creation of a single 'mega' slipway by combining the two existing westernmost slipways and extending the slipway into the Milford Haven Waterway into deeper water;
- The infilling of the Graving Dock;
- The installation of a temporary stank to facilitate dredging;
- The use of a hydraulic breaker in the wet for the excavation of rock material at the bottom of the slipway;
- The installation of a secant piled wall involving rotary piling; &
- Underwater pumping of concrete.

The status log of the marine licence sets out the marine licence history, including any subsequent marine licence variations

<b>Status log of this marine licence</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application	Duly made 04/01/2021	Application received and considered to be duly made
Date licence determined	30/06/2021	Determination date
Marine licence variation	08/03/2022	Marine licence varied to include; the installation of a temporary stank to facilitate dredging, the use of a hydraulic rock breaker in the wet, the installation of a secant piled wall using rotary piling and the underwater pumping of concrete.

The Licence CML2057v1 supersedes Licence CML2057 in its entirety.

#### **Related marine licences or applications under determination**

N/A

End of introductory note.

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## MARINE LICENCE, NUMBER CML2057v1

### 1 LICENCE DETAILS

#### 1.1 Marine Licence

This is a licence granted by the Licensing Authority in respect of an application numbered **CML2057** and duly made on **04 January 2021** 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:** Milford Haven Port Authority

**Address:** Head Office, Gorsewood Drive, Milford Haven, SA73 3EP

#### 1.3 Licence Validity

<b>Licence Start Date</b>	<b>08 March 2022</b>
<b>Licence End Date</b>	<b>01 October 2026</b>
<b>Licence Issue Date</b>	<b>08 March 2022</b>

#### 1.4 Conditions

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

**Signed:**



**Dr. Emmer Litt**

For and on behalf of the Licensing Authority

## 2 LICENSED ACTIVITIES

### 2.1 Project

#### Pembroke Dock Infrastructure Project

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:

- Capital dredging around the slipways and within the Graving Dock;
- The creation of a single ‘mega’ slipway by combining the two existing westernmost slipways and extending the slipway into the Milford Haven Waterway into deeper water;
- The infilling of the Graving Dock;
- Use of a temporary Stank to facilitate dredging;
- The use of a hydraulic breaker in the wet for the excavation of rock material at the bottom of the slipway;
- Installation of a secant piled wall using rotary piling; &
- Underwater pumping of concrete.

**Table 1 Licensed Activities**

<b>Activity 1 Capital dredging around the slipways and within the Graving Dock</b>	
Type of Licensed Activity	Dredging
Description	<p><b>Existing Slipways:</b> Excavation of material above the water mark at the time of excavation (in the dry), will be undertaken by backhoe excavator. If rock is identified within this area and is considered sufficiently weak a larger backhoe excavator will be used to remove the rock. If the rock is deemed not suitable to be removed using a backhoe excavator a hydraulic breaker will be used.</p> <p>Installation of a temporary stank (stacked containers) to allow excavations to be undertaken in the dry.</p> <p>In any areas below the existing water mark (in the wet) material will be removed by backhoe excavator with a closed bucket attachment positioned on a barge.</p> <p>A hydraulic breaker may be used in the wet for the excavation of rock material at the bottom of the slipway.</p> <p><b>Graving Dock:</b> Removal of the existing caisson gate and removal of material via the installation of a temporary</p>

	cofferdam and the use of a backhoe excavator and sludge pump in the dry.
Material types to be removed or deposited	<p><b>Existing Slipways:</b></p> <p>Material to be removed: Silt/ Sand/ Gravel/ Rock.</p> <p><b>Graving Dock:</b></p> <p>Materials to be removed Silt / Sand</p> <p><b>All material is to be deposited onshore.</b></p>
Quantities/Dimensions	<p><b>Existing Slipways:</b> 38,740 m<sup>3</sup></p> <p><b>Graving Dock:</b> 7100 m<sup>3</sup></p>
<b>Activity 2 The creation of a single “mega” slipway</b>	
Type of Licensed Activity	Construction
Description	Combining the two existing slipways and extending the slipway into the Milford Haven Waterway into deeper water. The slipway will be of concrete construction with structural steel members. Secant piled walls will be installed on the flanks of the new slipway boundary. Concrete is to be pumped to fill the gap between the precast concrete slabs and the flank walls.
Material types to be removed or deposited	<p>Material Removed: Cementitious materials, Stone/ Concrete, Rock/ Gravel,</p> <p>Material deposited: site manufactured materials (concrete/masonry based), steel</p>
Quantities/Dimensions	<p>The slipway will extend approximately 4.27 m below CD and cover an area of 67 m x 172 m with a gradient of 1:12.</p> <p>Concrete will be pumped in two strips either side of the slipway, each strip measuring up to 475mm wide. The length of the insitu underwater concrete is approximately 100m, to a maximum depth of 850mm, resulting in a volume of approximately 81m<sup>3</sup>.</p>
<b>Activity 3 Infilling the Graving Dock</b>	
Type of Licensed Activity	Deposit and Removal
Description	Infilling of the graving dock with crushed stone over a layer of sand with a mass wall erected at the invert to the seaward end of the dock, which preserves the opening and caisson slot.

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Material types to be removed or deposited	Silt, Sand, Stone, Gravel and Rock.
Quantities/Dimensions	Type 1B Imported Fill with a volume of 32,238 m <sup>3</sup> .  Sand (acting as a protective layer) with a volume of 1,770 m <sup>3</sup> .

**2.2 Licensed Area**

The Licence Holder is authorised to conduct the activities described in Table 1 in the vicinity of Gate 4 at Pembroke Port bounded by the coordinates specified in Appendix 1 (as indicated on the plan attached in Appendix 2):

In the event of any discrepancy between the coordinates set out in Appendix 1 and the plan attached at Appendix 2, the coordinates shall take precedence.

**2.3 Approved Supporting Documents**

A list of approved supporting documents can be found in Appendix 3 of this Licence.

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### 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 Enforcement Officers 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 are made fully aware of the Licensed Activities through local notices to mariners **10 days** prior to the commencement of the Licensed Activities.

##### 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 Marine Enforcement Officers 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 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 prior to commencement by contacting The National Maritime Operations Centre at **zone28@hmcg.gov.uk**.

##### 3.5 Inspection of Licensed Activities

The Licence Holder must allow officers of the Maritime and Coastguard Agency, Marine Enforcement Officer or any other person authorised by the Licensing Authority to inspect the Licensed Activities at any reasonable time.

##### 3.6 Notification of Completion

The Licence Holder must notify the Licensing Authority and authorised Marine Enforcement Officers within **10 days** of completion of the Licensed Activities.

##### 3.7 Force Majeure

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

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circumstances shall be notified to the Licensing Authority within **48 hours** of the incident occurring.

### **3.8 Distribution of Copies of this Licence**

The Licence Holder is required to ensure that a copy of this licence, and any subsequent revisions or amendments thereto is given to:

- All agents, contractors and subcontractors whose names have been provided to the Licensing Authority pursuant to condition 3.3; and
- The Masters of any vessels and transport managers responsible for the vehicles and/or vessels employed in the pursuance of this licence whose details have been submitted to the Licensing Authority pursuant to 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, vehicle or at the office of any transport manager with responsibility for vehicles from which any deposits of materials authorised by this licence are to be made.

The documents referred to in this condition shall be available at all times when the Licensed Activities are being undertaken for inspection by officers appropriately authorised by the Licensing Authority and authorised Marine Enforcement Officers at the locations stated in this paragraph.

## **Vessels, Plant and Equipment**

### **3.10 Notified Contractors Vessels and or Vehicles only to Carry out Licensed Activities**

Only those agents, contractors, subcontractors vessels and vehicles whose details have been notified to the Licensing Authority may operate under the terms of this licence. Any changes must be notified to and be approved by the Licensing Authority 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 Standard of Vessels**

Any vessels employed to perform the any operations permitted by this licence shall be so constructed and equipped as to be capable of the proper performance of these operations.

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### **3.12 Refuelling**

The Licence Holder must ensure that plant, vehicles and machinery are not refuelled on the foreshore.

## **Safety**

### **3.13 Safety of Licensed Activities**

The Licence Holder must ensure that the Licensed Activities are maintained in a safe condition that does not represent a danger to the environment, or other marine users, at all times.

### **3.14 Removal of Deposited Material**

The Licence Holder must remove any deposited material within one month of notice being given by Licensing Authority or Marine Enforcement Officers if they consider this necessary or advisable for the safety of navigation, and not shall not replace such material until the Licensing Authority or Marine Enforcement Officers have given their written approval.

### **3.15 Government Assistance**

If, in the opinion of the Licensing Authority or Marine Enforcement Officers, the assistance of a Government Department, including the broadcast of navigational warnings, is required in connection with the Licensed Activities or to deal with any emergency arising from the drifting or wreck of the Licensed Activities, the Licence Holder will be liable for any expense incurred in securing such assistance.

## **Pollution control**

### **3.16 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**.

### **3.17 Spillage of Pollutants**

The Licence Holder must ensure bunding, storage facilities and spill kits are employed where appropriate to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment.

### **3.18 Coatings**

The Licence Holder must ensure that any coatings/treatments used in carrying out the Licensed Activities are suitable for use in the marine environment and are used in accordance with best environmental practice.

### **3.19 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 area. Such material must be removed immediately and be disposed of appropriately. If it is not possible to prevent man-made debris from entering the marine environment during the Licensed Activities, the Licensed Activities must cease immediately.

### **3.20 Biosecurity**

The Licence Holder must ensure all equipment, materials, machinery and Personal Protective Equipment used as part of the Licensed Activities are in a clean condition prior to their arrival at and subsequent departure from the Licensed Area to minimise risk of introducing non-native species into the marine environment.

### **3.21 Dropped Objects**

Should it be necessary for the Licence Holder to recover or remove from the Licensed Area any equipment, plant or machinery accidentally dropped when undertaking the Licensed Activities, the Licence Holder is permitted to do so provided that the methodology for such recovery or removal has been approved by the Licensing Authority.

## **Activity-specific Conditions**

### **3.22 Dredge Method**

The Licence Holder must ensure that a closed bucket is used when conducting dredge activities in the wet to mitigate overspill and resuspension of sediment.

### **3.23 Construction Environmental Management Plan**

**3.23.1** The Licence Holder must submit a Construction Environmental Management Plan (CEMP) to the Licensing Authority for written approval at least 6 weeks prior to commencement of the Licensed Activities. No Licensed Activities may be undertaken prior to written agreement from the Licensing Authority.

**3.23.2** The Licence Holder must ensure that any actions outlined in the documents detailed in condition 3.23.1 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.

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### **3.24 Archaeological Finds**

The Licence Holder must ensure that if any archaeological features or finds are disturbed during the course of the Licenced Activities, all Licensed Activities must cease until advice on any necessary mitigation measures from the Licensing Authority has been given in writing. All mitigation measures must then be implemented prior to work recommencing.

### **3.25 Use of Concrete**

The Licence Holder must ensure materials used are suitable for use in the marine environment.

#### 4 INTERPRETATION

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

- (a) **“2009 Act”** means the Marine and Coastal Access Act 2009;
- (b) **“Approved Application”** means the Marine Licence Application Form together with the Approved Supporting Documents;
- (c) **“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;
- (d) **“Commencement”** means the first undertaking of any Licensed Activities;
- (e) **“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;
- (f) **“Licensed Activities”** means the activities authorised by this licence as specified in 2.1;
- (g) **“Licensed Area”** means the area within which Licensed Activities are authorised by this licence as specified in section 2;
- (h) **“Licence Holder”** means the person(s) or organisation(s) named in section 1.2 to whom this licence is granted;
- (i) **“Licence Period”** means the period beginning with the Licence Start Date and ending on the Licence End Date;
- (j) **“Licensing Authority”** means Natural Resources Wales acting on behalf of the Welsh Ministers;
- (k) **“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;
- (l) **“Marine Licence Application Form”** means the application form forming part of the application referred to in paragraph 1.1;
- (m) **“Method Statement”** means the Method Statement(s) forming part of the Approved Application or Approved Supporting Documents;

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- (n) **“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;
- (o) all times shall be taken to be the time in Greenwich Mean Time (GMT) on any given day;
- (p) all co-ordinates shall be taken to be latitude and longitude degrees and minutes to four decimal places;
- (q) in the event of any discrepancy between the coordinates listed in paragraph 2 and the plan attached at Appendix 1, 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](mailto: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](mailto:wfmccmpc@gov.wales)

## **Appendix 1**

### **Project Coordinates**

<b>Latitude</b>	<b>Longitude</b>
<b>Slipway</b>	

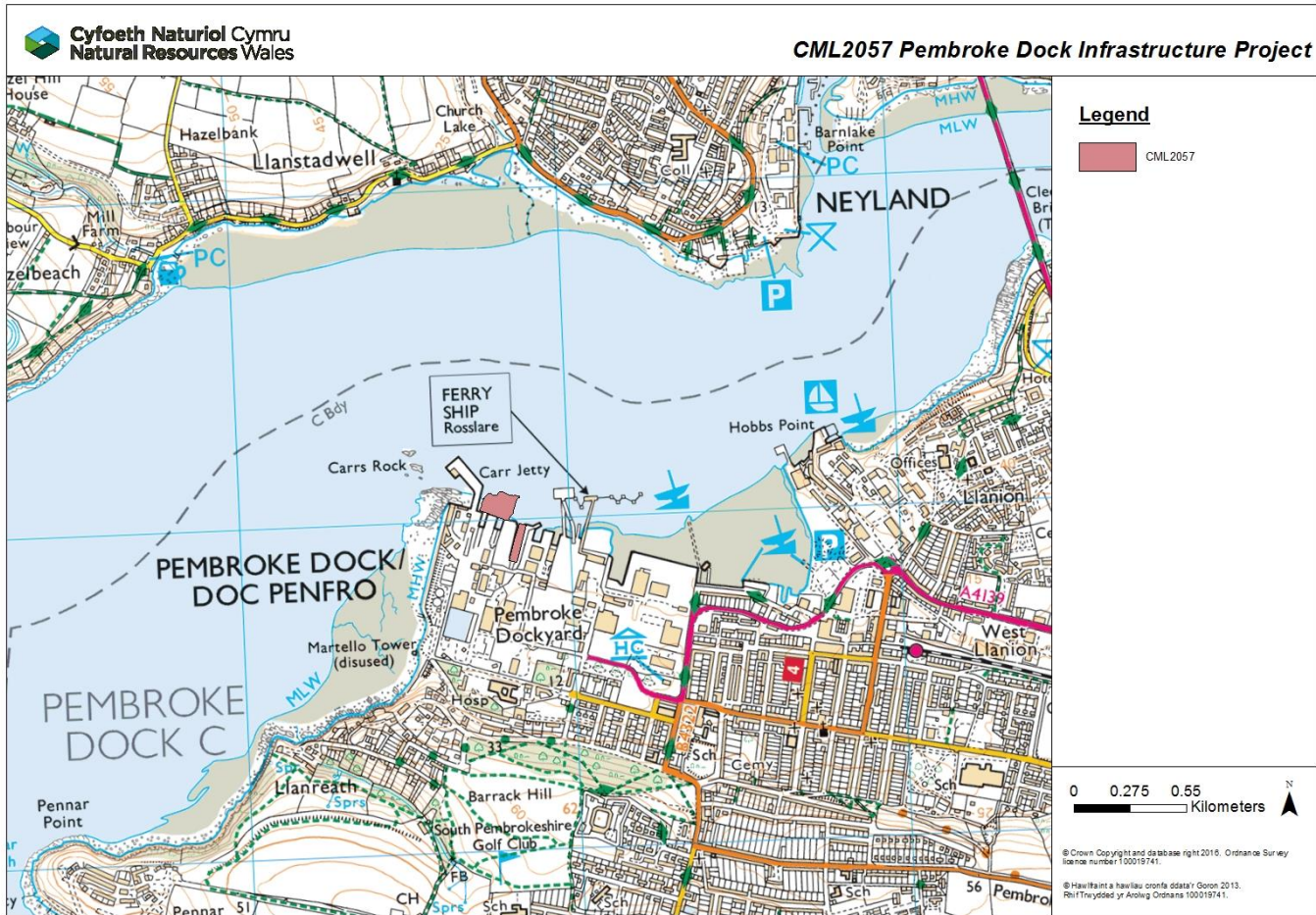
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51°	41.8932'	N	4°	57.3654'	W
51°	41.8918'	N	4°	57.3590'	W
51°	41.8909'	N	4°	57.3527'	W
51°	41.8908'	N	4°	57.3498'	W
51°	41.8910'	N	4°	57.3458'	W
51°	41.8908'	N	4°	57.3422'	W
51°	41.8896'	N	4°	57.3353'	W
51°	41.8890'	N	4°	57.3346'	W
51°	41.8879'	N	4°	57.3355'	W
51°	41.8867'	N	4°	57.3374'	W
51°	41.8844'	N	4°	57.3411'	W
51°	41.8808'	N	4°	57.3435'	W
51°	41.8788'	N	4°	57.3440'	W
51°	41.8762'	N	4°	57.3457'	W
51°	41.8729'	N	4°	57.3461'	W
51°	41.8714'	N	4°	57.3477'	W
51°	41.8696'	N	4°	57.3476'	W
51°	41.8657'	N	4°	57.3494'	W
51°	41.8640'	N	4°	57.3507'	W
51°	41.8624'	N	4°	57.3514'	W
51°	41.8609'	N	4°	57.3529'	W
51°	41.8587'	N	4°	57.3555'	W
51°	41.8577'	N	4°	57.3565'	W
51°	41.8529'	N	4°	57.3612'	W
51°	41.8510'	N	4°	57.3631'	W
51°	41.8510'	N	4°	57.3648'	W
51°	41.8519'	N	4°	57.3692'	W
51°	41.8516'	N	4°	57.3697'	W
51°	41.8038'	N	4°	57.3948'	W
51°	41.8149'	N	4°	57.4500'	W
51°	41.8456'	N	4°	57.4340'	W
51°	41.8637'	N	4°	57.4245'	W
51°	41.8667'	N	4°	57.4391'	W
51°	41.8670'	N	4°	57.4407'	W
51°	41.8694'	N	4°	57.4396'	W
51°	41.8689'	N	4°	57.4374'	W
51°	41.8705'	N	4°	57.4364'	W
51°	41.8748'	N	4°	57.4334'	W
51°	41.8777'	N	4°	57.4331'	W
51°	41.8839'	N	4°	57.4298'	W
51°	41.8854'	N	4°	57.4288'	W
51°	41.8864'	N	4°	57.4280'	W
51°	41.8870'	N	4°	57.4273'	W
51°	41.8879'	N	4°	57.4265'	W
51°	41.8913'	N	4°	57.4208'	W
51°	41.8916'	N	4°	57.4203'	W
51°	41.8933'	N	4°	57.4180'	W
51°	41.8939'	N	4°	57.4166'	W
<b>Latitude</b>			<b>Longitude</b>		
51°	41.8941'	N	4°	57.4140'	W
51°	41.8937'	N	4°	57.4084'	W
51°	41.8923'	N	4°	57.4060'	W
51°	41.8915'	N	4°	57.4042'	W
51°	41.8910'	N	4°	57.4017'	W

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51°	41.8911'	N	4°	57.3986'	W
51°	41.8922'	N	4°	57.3941'	W
51°	41.8931'	N	4°	57.3922'	W
51°	41.8947'	N	4°	57.3901'	W
51°	41.8960'	N	4°	57.3885'	W
51°	41.8968'	N	4°	57.3861'	W
51°	41.8974'	N	4°	57.3833'	W
51°	41.8972'	N	4°	57.3809'	W
51°	41.8962'	N	4°	57.3756'	W
51°	41.8949'	N	4°	57.3713'	W
51°	41.8941'	N	4°	57.3686'	W
<b>Graving Dock</b>					
<b>Latitude</b>			<b>Longitude</b>		
51°	41.8423'	N	4°	57.3155'	W
51°	41.8384'	N	4°	57.3182'	W
51°	41.8383'	N	4°	57.3182'	W
51°	41.8366'	N	4°	57.3183'	W
51°	41.8364'	N	4°	57.3177'	W
51°	41.8155'	N	4°	57.3265'	W
51°	41.8147'	N	4°	57.3269'	W
51°	41.7820'	N	4°	57.3404'	W
51°	41.7824'	N	4°	57.3434'	W
51°	41.7848'	N	4°	57.3585'	W
51°	41.7853'	N	4°	57.3615'	W
51°	41.7894'	N	4°	57.3597'	W
51°	41.8181'	N	4°	57.3475'	W
51°	41.8189'	N	4°	57.3472'	W
51°	41.8397'	N	4°	57.3384'	W
51°	41.8395'	N	4°	57.3371'	W
51°	41.8456'	N	4°	57.3352'	W
51°	41.8423'	N	4°	57.3155'	W

Appendix 2



**Appendix 3**

**Approved Supporting Documents**

<b>Title/Description of Document</b>	<b>Date</b>	<b>Version No.</b>
PDI ES NTS Submission Version.	21/12/2020	1
PDI ES Chapter 1 Introduction Submission Version	21/12/2020	1
PDI ES Chapter 2 Project Description Submission Version	21/12/2020	1
PDI ES Chapter 3 Need and Alternatives Submission Version	21/12/2020	1
PDI ES Chapter 4 Methodology Submission Version	21/12/2020	1
PDI ES Chapter 5 Policy Context Submission Version	21/12/2020	1
PDI ES Chapter 6 Marine Environment Submission Version	21/12/2020	1
PDI ES Chapter 7 Shipping and Navigation Submission Version	21/12/2020	1
PDI ES Chapter 8 Noise and Vibration Submission Version	21/12/2020	1
PDI ES Chapter 9 Air Quality Submission Version	21/12/2020	1
PDI ES Chapter 10 Historic Environment Submission Version	21/12/2020	1
PDI ES Chapter 11 Traffic and Transport Submission Version	21/12/2020	1

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<b>Title/Description of Document</b>	<b>Date</b>	<b>Version No.</b>
PDI ES Chapter 12 Socio-economics Submission Version	21/12/2020	1
PDI ES Chapter 13 Ground Conditions Submission Version	21/12/2020	1
PDI ES Chapter 14 Landscape and Visual Submission Version	21/12/2020	1
PDI ES Chapter 15 Hydrology and Flood Risk Submission Version	21/12/2020	1
PDI ES Chapter 16 Biodiversity Submission Version	21/12/2020	1
Appendix 1.1 EIA Regulation 17 and Schedule 4 Requirements.pdf	21/12/2020	1
Appendix 1.2 Author Expertise Statement.pdf	21/12/2020	1
Appendix 2.1 New Mega Slipway Report (Haskoning).pdf	21/12/2020	1
Appendix 2.2 Dredging Strategy MHPA Slipway (Haskoning).pdf	21/12/2020	1
Appendix 2.3 Marine Rock Dredging (Haskoning).pdf	21/12/2020	1
Appendix 2.4 Graving Dock and Timber Pond Infill Report.pdf	21/12/2020	1
Appendix 2.6 Outline Code of Construction Practice.pdf	21/12/2020	1

Title/Description of Document	Date	Version No.
Appendix 3.1 Pembroke Dock Marine Full Business Case Supplementary Information Extract.pdf	21/12/2020	1
Appendix 6.1 Marine Environment Baseline.pdf	21/12/2020	1
Appendix 6.2 Underwater Noise Assessment.pdf	21/12/2020	1
Appendix 6.3 Habitats Regulation Assesment.pdf	21/12/2020	1
Appendix 6.4 Water Framework Directive.pdf	21/12/2020	1
Appendix 6.5 Sediment Plume Assessment.pdf	21/12/2020	1
Appendix 7.1 Navigational Risk Assessment.pdf	21/12/2020	1
Appendix 8.1 Noise and Vibration Planning Policy Legislative Context and Consultation.pdf	21/12/2020	1
Appendix 8.2 Operational Noise Model Input Data.pdf	21/12/2020	1
Appendix 8.3 Predicted Operational Noise Levels.pdf	21/12/2020	1
Appendix 9.1 Air Quality Operational Assessment.pdf	21/12/2020	1
Appendix 9.2 Construction Dust Risk Assessment.pdf	21/12/2020	1

Title/Description of Document	Date	Version No.
Appendix 10.1 Historic Environment Desk Based Assessment.pdf	21/12/2020	1
Appendix 10.2 ASIDOHL Report.pdf	21/12/2020	1
Appendix 10.3 Statement of Significance Phase 3.pdf	21/12/2020	1
Appendix 10.3 Statement of Significance Phase 4.pdf	21/12/2020	1
Appendix 10.3 Statement of Significance Phase 5.pdf	21/12/2020	1
Appendix 10.3 Statement of Significance Phases 1 and 2.pdf	21/12/2020	1
Appendix 11.1 Transport Assessment.pdf	21/12/2020	1
Appendix 11.2 Transport Assessment Addendum.pdf	21/12/2020	1
Appendix 11.3 Summary of Material Assumptions and HGV Calculations.pdf	21/12/2020	1
Appendix 12.1 Socio Economics Legislative and Policy Context.pdf	21/12/2020	1
Appendix 12.2 Economic Statement.pdf	21/12/2020	1
Appendix 13.1 Desktop Study and Preliminary Risk Assessment.pdf	21/12/2020	1
Appendix 13.2 Ground Investigation Report.pdf	21/12/2020	1

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Appendix 14.1 Landscape and Visual Methodology.pdf	21/12/2020	1
Appendix 14.2 Landscape and Visual Assessment.pdf	21/12/2020	1
Appendix 15.1 Flood Consequences Assessment.pdf	21/12/2020	1
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Figure 2.1 Existing Site Plan.pdf	21/12/2020	1
Figure 2.2 Indicative Proposed Masterplan.pdf	21/12/2020	1
Figure 2.3 Slipway Excavation Volumes - Dredge Material.pdf	21/12/2020	1
Figure 6.1 Maerl and Seagrass Beds.pdf	21/12/2020	1
Figure 7.2 Overview Density Summer.pdf	21/12/2020	1
Figure 7.4 Commercial Vessels Summer.pdf	21/12/2020	1
Figure 7.5 Commercial Vessels Winter.pdf	21/12/2020	1
Figure 7.6 Passenger Vessels Summer.pdf	21/12/2020	1

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