



Permit Receipt Centre
Natural Resources Wales
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Cambria House
Cardiff
CF24 0TP
Tel: 0300 065 3000

Email: permitreceiptcentre@naturalresourceswales.gov.uk

APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

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

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Licensing Authority, the Welsh Ministers.
- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.
 - For application and supporting documents less than 10MB we can accept an additional copy via email.
 - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
 - When applications and supporting documents are hard copy only **16** copies will be required.
- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form
- Please submit marine licence applications, including this form and all supporting documents, **at least 4 months before the licence is required.**

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

- Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
- Large scale projects with substantial volumes of material being deposited or excavated
- Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017.
- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

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

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

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

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

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

- **All activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, <http://naturalresources.wales>. The results of your WFD assessment must be attached to your marine licence application.**
- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

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

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

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.
- Checked and acknowledged by the MLT within 21 days of receipt of application and payment
- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer
- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete
- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature*)
- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT
- Your application and supporting documents will be sent to for an initial consultation period of 28 days (*42 days for EIA projects*)
- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*).
For EIA projects a second public notice will be required. The MLT will advise on how this should be done.
- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

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

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

Application Form Structure

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

Check List

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

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

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

1. Project Description and Cost

1 (a). Project Name

Pembroke Ferry Dolphin U Replacement

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

In February 2022 an incident occurred at Pembroke Dock Ferry Terminal involving the ferry heavily colliding with one of the mooring dolphins (Dolphin U – the dolphin furthest to the east on **Figure 1**). As a result of the collision the monopile is now permanently bent. MHPA have carried out investigations of the monopile and determined that it will need to be replaced. The replacement works will be carried out by MHPA, as Statutory Harbour Authority, to ensure the continued safe use of the ferry terminal.

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

£2 million

2. Applicant Details

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

Title	Mr	Full Name	Arndt Herrmann Steve Mathias
Company or Trading Name	Milford Haven Port Authority		
Company Registration Number (if applicable)			
Name of Contact or individual (if different)			
Position in Company	Project Manager Project Manager		
Address inc. postcode (provide registered Company address if applicable)	Port of Milford Haven Gorsewood Drive Milford Haven SA73 3EP		
Telephone Number	07484095715 07484095715		
Email Address	arndt.herrmann@mhpa.co.uk steve.mathias@mhpa.co.uk		

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

3(a). Agent Details

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

Title	Miss	Full Name	Sarah Marjoram
Company or Trading Name	Royal HaskoningDHV		
Company Registration Number (if applicable)	01336844		
Name of Contact or individual (if different)			
Position in Company	Senior Marine Environmental Consultant		
Address (Inc. postcode)	Royal HaskoningDHV Manor Drive Winslade Park Clyst St Mary EX5 1FY Exeter Regus, 1 Emperor Way		
Telephone Number	01512439272		
Email Address	Sarah.marjoram@rhdhv.com		

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

3(c). Contractor Details

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

Contractor Company or Trading Name	Address
Southbay Civil Engineering Ltd. TBC	TBC The Bailey, Cumberland Rd, North Shields NE29 8RD
TBC	TBC

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

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

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

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
TBC				

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

3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS

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

Operator	Type/Description of Vehicle
n/a	

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?

These details will need to be confirmed prior to the licence and operations commencement

Tenders for undertaking the works to repair the dolphin were will be published in Q24 2024/Q1 2023, for the works to be undertaken in Q32/Q43 20243. This information will be available before the works commences.

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4. Environmental Impact Assessment (EIA)

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

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

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

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

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

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

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

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

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

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

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

5. Licensable Period

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

Start Date

Requested Licence Expiry Date

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

6. Project Description

6(a). Please give a description of the proposed project.

This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

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

As set out in Section 1(b), one of the mooring dolphins at the Pembroke Ferry Terminal, Dolphin U, was damaged in February 2022. Subsequent investigations of the dolphin, carried out by Milford Haven Port Authority (MHPA) showed that it has been bent and requires replacement to ensure the safe continued use of the pontoon by the ferry. MHPA wish to undertake this work in Q32 2023~~4~~. There are two potential methods proposed to undertake these works, outlined below in Section 7, which will take ~~tens*~~ weeks to complete from mobilisation to demobilisation, with 23 days of piling related works.

The new mooring dolphin will be supported by 5No 600mm diameter piles 2.1m in diameter and will be placed immediately to the east of the damaged mooring dolphin. The replacement of the mooring dolphin can be undertaken using a rock socket method, or an under ream and driven piling method, both of which are outlined below. The replacement dolphin topside (pre-cast off-site) and furniture. Fenders and a new walkway will then be installed and the existing dolphin pile will then be cut at seabed level.

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

6(b). Please detail the location of the proposed construction project.

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

Coordinate system: OS National Grid reference

SM 96220 04058

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

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

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

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- (ii) construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).
- (iii) a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

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

Please see Figure 1 of the Pembroke Ferry Terminal, Figure 2 for a suitably scaled map showing the wider location of Pembroke Ferry Terminal and Figure 3 for the construction sequence drawings

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

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

7. Methods Statement

7(a). Please provide a detailed method statement for the works

This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS

Rock socket method

The proposed rock socket method with approximate timings for each activity is outlined below.

Please also refer to the story board provided in Figure 2.

Phase 1 – Pile installation (~2 weeks)

1. A jack-up barge is positioned to the east of existing Dolphin U and as far behind the berthing line as the operational reach of the crane and pile frame will allow, to allow continued use of the berth.
2. A sleeve that is a larger diameter than the pile is installed into the seabed with a vibrating hammer. The sleeve is installed as a shield to prevent loose material falling into the socket drilled into the seabed (1 day).
3. Deploy rock socketing drill from barge and start to drill socket within sleeve into the rock of the seabed to the depth of the toe of the pile which will be approximately -23m CD which is approximately 15m below the seabed level (2 days).
4. When socket has been drilled out the pile will be placed into the socket and marine grade grout will be pumped into the base of the of the socket until the grout is at seabed level (1 day).
5. The pile will then be held in the piling frame until such time as the grout has gained enough strength to support the pile (1 to 2 days).
- 5-6. This process is then repeated till all 5 piles are installed.

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Phase 2 – Fender installation (1.3 weeks)

1. Once the grout holding the final pile in place has gained sufficient strength the pile guide will be disengaged.
2. The 200t crane will then be deployed to install the furniture to the pile to include:
 - a. ~~install pile top platform~~replacement dolphin topside.
 - ~~b. install quick release hook.~~
 - b. install fenders on the new pile
 - c. install dolphin furniture:
 - i. Bollard
 - ii. Ladder
 - ~~e.iii. Rope rails and handrails.~~

Phase 3 – Install new walkway (1 to 2 days)

1. The jack up barge will be moved to a more advantageous position to employ the crane to lift the walkways.
2. The crane will then lift the old walkway off.
3. It will then be necessary to undertake some amendments to Dolphin T platform to accept the walkway form a slightly different angle.
4. The new walkway between Dolphin T and the new Dolphin U will then be lifted into position using the 200t crane.

Phase 4 – Removal of old pile (2 weeks)

1. The jack up barge will remain where it is and the crane will move up towards the berthing line
2. Diamond wire cutting equipment will be deployed onto the pile to cut the pile top off at sections of approximately 20 tons.
3. The crane will be attached to the top of each section and the diamond wire cutting equipment will be fixed to the pile below the cut.
4. Once below water level divers will be deployed to fix the diamond wire cutting equipment.
5. The pile will then be cut at seabed level.

Under ream and driven piling method

The proposed under ream and driven piling rock socket method with approximate timings is outlined below. ~~Please also refer to the story board provided as Figure 2.~~

Phase 1 – Pile installation (2 weeks)

1. A jack-up barge is positioned to the east of existing Dolphin U and as far behind the berthing line as the operational reach of the crane and pile frame will allow, to allow continued use of the berth.
2. Position pile in pile frame and drive to refusal with vibrating hammer ~~(1 to 2 days).~~
3. Position under reaming drill within pile and drill down within pile until rock starts to fall in hole.
4. Retract under reaming drill and drive pile to refusal with hydraulic hammer.
5. Repeat steps 3 and 4 until toe of pile reaches the design depth.
- ~~5.6. Repeat Steps 1 to 4 till all 5 piles are installed.~~
- ~~6.7. Steps 3 to 5 will take between three and six days to complete, depending on the ease of drilling through the ground conditions.~~

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Once piling is complete, Phases 2 to 4, as set out above in Section 1.1, would be undertaken.

The whole operation, from mobilisation to demobilisation for both the rock socket and the underream and pile method, is expected to be completed within six-10 weeks. Works will be undertaken in line with accepted industry Guidance for Pollution Prevention (GPP), in particular GPP5: Works and maintenance in or near water. All works will be advertised to mariners through a Notice to Mariners and MHPA will undertake the work so that it does not prevent the ferry berth from being used, or only presents a minor interruption to services.

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

7(b). Do you intend to undertake activities that could generate underwater noise?

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

Yes ☒ No ☐

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

The rock-socket method requires the use of a vibrating hammer and a rock socket drill to install the pile.
The underream method requires the use of a vibrating hammer, under reaming drill and percussive piling to install the pile.

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

Rock socket method:

Vibrating hammer – 1-2 days

Rock socket drill – 2-15 days

Under ream method:

Vibrating hammer – 2 days

Under reaming drill and percussive piling – 3-15-6 days.

(numbers are total days for the 5 piles over the 10 week period)

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

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

(i) Minimise risk to the marine environment

Works will be undertaken in line with accepted industry including:

- Guidance for Pollution Prevention (GPP), in particular GPP5: Works and maintenance in or near water.
- CIRIA Coastal and Marine Environmental Site Guide (second edition) (CIRIA report C744);

(ii) Prevent undue interference to others

All works will be advertised to mariners through a Notice to Mariners and MHPA will undertake the work so that it does not prevent the ferry berth from being used, or only presents a minor interruption to services.

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

All construction vessels and the completed mooring dolphin will be marked as required by MHPA as statutory harbour authority.

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

8. Materials of Project

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

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

If other, please provide a description of materials.

8(b). Delivery method of materials to site

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

The materials will be sourced or manufactured locally, and then taken by road to the port. From there materials will be taken to the site of the works by vessel.

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

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

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

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

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

Including quantities to be removed.

The existing damaged Dolphin U will be removed. As described in Phase 4 of the method statement above, the existing pile will be cut in 20 ton sections, once under the water line divers will be deployed and the pile will be cut at sea bed level.

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

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

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

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

n/a

9(b). Description of material to be deposited

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

n/a

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

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

Including dredged or land based stating the origin of material

n/a

9(d). Has the material been chemically analysed?

Yes ☐ No ☐

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

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

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS?

Yes ☐ No ☒

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

If Yes, please continue with section 10

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

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

n/a

10(c). Description of temporary deposits

n/a

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

11. Dredge and Disposal of Dredge Material

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

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

12. Protected Sites

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

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

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

An enquiry was submitted to NRW on the 27 September 2022 to confirm whether the works detailed in this application were eligible for an exemption due to their limited nature. NRW responded on the 28 September 2022 to confirm that the works require a Marine Licence.

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

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

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

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

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

The works are located approximately 150m from the boundary of the Pembrokeshire Marine/Sir Benfro Forol SAC which is designated for grey seal (*Halichoerus grypus*). Grey seal are frequently recorded around the islands offshore from Milford Haven, including Ramsey, Skomer and Skokholm, and they are occasionally seen within the Waterway itself. The works are also located approximately 18km from the Cleddau Rivers / Afonydd Cleddau SAC, which is of relevance as the site is designated to protect sea lamprey (*Petromyzon marinus*) and river lamprey (*Lampetra fluviatilis*). Sea lamprey migrate into estuaries in between April and May with spawning occurring between May and June. River lamprey migrate into estuaries between October and December in the UK to spawn between March and April. Young adults of both species migrate downstream during darkness to estuaries between July and September. Migration of both species at both stages occurs at night when conditions are suitable, hiding under stones and vegetation during the day. Sea and river lamprey do not have swim bladders and overall have a low sensitivity to underwater noise.

As set out above, if the drill and drive method is used percussive piling is necessary, works involving worst-case 'noisy' activities will take a total of approximately 6-15 days to complete over the 10 week installation programme. Noting this method alternates between drilling and driving the percussive piling element would be non-continuous and therefore represents a short-term and temporary impact on the ecology of the Waterway. All ~~other~~ works will be undertaken from a jack-up barge and vessel movements will not be discernible above baseline levels of shipping and navigation within the Waterway. Works will be undertaken in line with standard industry practice to ensure the marine environment is protected from accidental spills or pollution events.

Although percussive piling is unlikely to have a significant effect on marine mammals and fish due to the short-term and temporary nature of the impact and limited pathway for effect, to ensure effects are minimised all percussive piling will be undertaken using a soft-start procedure. This will be undertaken in-line with JNCC guidance, to avoid any potential impacts to marine mammals and migratory fish that may be present in the vicinity of the works.

No net loss of subtidal habitat is anticipated as following the installation of the new multi-pile mooring dolphin the existing damaged monopile dolphin will be removed below the seabed, allowing this area to return to its natural state. Area to be lost within the footprint of the 5No 600mm piles is 1.4m², area 'gained' when removing the 2.1m monopile is 3.46m².

Pembroke Dock is within the Milford Haven Inner transitional water body (GB531006114100) which has an overall status of Moderate due to levels of polybrominated diphenyl ethers, polycyclic aromatic hydrocarbons and dissolved inorganic nitrogen and the health of macroalgae. There are no Bathing Waters within 2km of the ferry terminal. The Upper Cleddau Shellfish Water is located 1.5km upstream. The works are small in scale, temporary and will be managed using industry standard best-practice measures, outlined above. Installation of the monopile will not cause the resuspension of significant volumes of sediment and will not result in a loss of subtidal habitat. As such a non-temporary effect on the Milford Haven Inner transitional water body is not anticipated.

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

13. Other Consents

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

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)	n/a			
Name and Address of LPA for location of works	n/a			
Land Owners Consent such as The Crown Estate Consent	X		The Crown Estate have confirmed that a shapefile should be shared with them including the original and new dolphin to enable them to update the lease (email of 13/10/22 between MHPA and Cooke & Arkwright)	
Port Authority or Local Harbour permissions	n/a			
Other NRW consents such as Flood Defence or SSSI assent	n/a			
Details of NRW consent				
Other consents such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction	n/a			
Details of other consents				

14. Statutory Powers

14(a). Does the applicant have statutory powers to consent any aspect of the project?

E.g. coast protection authority, dredging powers, statutory undertakers Yes ☐ No ☒

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

15. Public Register

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

15. Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

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

15(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? Yes ☐ No ☒

If **Yes** to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld

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

16. Application Fee

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

16(b) Band 2 Only

Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (✓)	Reference Number
Cheque		
BACS (not remittance no.)	✓	PRCAPPMLFO2022
World Pay (phone or CC1)		

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

16(c) Band 3 Application only

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

Customer Name	
FAO	
Purchase order number	
Address for invoice	
Telephone Number	
Email Address	

17. Declaration

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

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

Signature S. Mathias Date 17/11/2022

Name (in capitals) STEVEN MATHIAS

Position in Company Engineer

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

Applications will not be processed unless signed