



Marine Management Organisation Marine Licence

1 Introduction

This is a licence granted by the Marine Management Organisation on behalf of the Secretary of State to authorise the licence holder to carry on activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009.

1.1 Licence number

The licence number for this licence is L/2012/00366/3

1.2 Licence holder

The licence holder is the person or organisation set out below:

| | |
|---|--|
| Name / company name | PD TEESPORT LIMITED |
| Company registration number (if applicable) | 02636007 |
| Address | Conservancy Engineering Department PD Teesport Limited Vulcan Street Middlesbrough TS2 1LX |
| Contact within company | Andrew Ridley |
| Position within company (if applicable). State if company officer or director | Conservancy Manager |

1.3 Licence date

| | |
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| Version | 3 |
| Licence start date | 30 September 2015 |
| Licence end date | 29 February 2016 |
| Date of original issue | 28 September 2012 |
| Date of variation issue | 30 September 2015 |

1.4 Licence validity

This version of this licence is valid from the licence start date to the licence end date.

This version of this licence supersedes any earlier version of this licence. Any activity commenced under a previous version of this licence and which is also a licensed activity authorised by section 4 of this version of this licence may continue in accordance with the licence conditions in section 5 of this version of this licence.

Mr Tim Dixon
+44 (0)191 376 2723
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2 General

2.1 Interpretation

In this licence, terms are as defined in section 115 of the Marine and Coastal Access Act and the Interpretation Act 1978 unless otherwise stated.

- "licensed activity" means any activity set out in section 4 of this licence.
- "licence holder" means the person(s) or organisation(s) named in section 1 above to whom this licence is granted.
- "MMO" means the Marine Management Organisation.
- "mean high water springs" means the average of high water heights occurring at the time of spring tides.
- "sea bed" or "seabed" means the ground under the sea.
- "the 2009 Act" means the Marine and Coastal Access Act 2009.
- All times shall be taken to be the time on any given day.
- All geographical co-ordinates contained within this licence are in WGS84 format (latitude and longitude degrees and minutes to three decimal places) unless stated otherwise.

2.2 Contacts

Except where otherwise indicated, the main point of contact with the MMO and the address for email and postal returns and correspondence shall be:

Marine Management Organisation

Lancaster House

Hampshire Court

Newcastle upon Tyne

NE4 7YH

Tel:0300 123 1032

Fax:0191 376 2681

Email:marine.consents@marinemanagement.org.uk

Any references to any local MMO officer shall be the relevant officer in the area(s) located at:

Marine Management Organisation

Neville House

Central Riverside

Bell Street

North Shields

NE30 1LJ

Tel: 0191 257 4520

Fax: 0191 257 1595

Email: northshields@marinemanagement.org.uk

3 Project overview

3.1 Project title

Tees and Hartlepool Maintenance Dredge Disposal.

3.2 Project description

Renewal of the maintenance dredge disposal consent for Tees and Hartlepool maintenance dredge.

3.3 Related marine licences

L/2012/00366

4 Licensed activities

This section sets out the licensed activities. The licensed activities are authorised to be carried on only in accordance with the activity details below and with the licence conditions as set out in section 5 of this licence.

Please note that where licensed quantities are displayed with reference to their constituent materials, the relative quantities given for the constituent materials are indicative only.

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| Site 1 - TEES BAY A | |
| Site location | As per coordinates in licence schedule one. |
| Activity 1.1 - Tees Bay A dredge disposal | |
| Activity type | Disposal of dredged material. |
| Activity location | As per coordinates in licence schedule one. |
| Description | Disposal of dredged material. |

| Quantities | | | | | |
|------------|------------|----------------------|-------------------------------------|-------------------------------------|----------------------------------|
| Start date | End date | Material | Amount to be deposited (dry tonnes) | Amount to be deposited (wet tonnes) | Source |
| 01/10/2012 | 01/10/2015 | Sand (62.5um-2 mm) | 122040 | 270000 | HARTLE-POOL DOCKS AND WATER AREA |
| 01/10/2012 | 01/10/2015 | Sand (62.5um-2 mm) | 23866 | 52800 | HARTLE-POOL ENTRANCE CHANNEL |
| 01/10/2012 | 01/10/2015 | Sand (62.5um-2 mm) | 26781 | 59250 | RIVER TEES BERTHS AND FRONT-AGES |
| 01/10/2012 | 01/10/2015 | Sand (62.5um-2 mm) | 567622 | 1255800 | RIVER TEES CHANNEL |
| 01/10/2012 | 01/10/2015 | Sand (62.5um-2 mm) | 87109 | 192720 | SEATON CHANNEL BASIN AND BERTHS |
| 01/10/2012 | 01/10/2015 | Silt (31.25-62.5 um) | 58073 | 128480 | HARTLE-POOL DOCKS AND WATER AREA |
| 01/10/2012 | 01/10/2015 | Silt (31.25-62.5 um) | 15458 | 34200 | RIVER TEES BERTHS AND FRONT-AGES |
| 01/10/2012 | 01/10/2015 | Silt (31.25-62.5 um) | 26781 | 59250 | RIVER TEES CHANNEL |
| 01/10/2012 | 01/10/2015 | Silt (31.25-62.5 um) | 378414 | 837200 | SEATON CHANNEL BASIN AND BERTHS |

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| Methodology | <p>The works will be carried out using the following methodology:</p> <p>PD Teesport - Maintenance Dredging Method Statement</p> <p>Suction Dredging</p> <p>PD Teesport employs two trailing suction hopper dredgers (TSHD) of 1500m (cubed) hopper volume to maintain depths within the navigable channel and berths within The Tees and Hartlepool.</p> <p>The larger suction dredger (by deadweight) operates on a 6 day/week basis and predominantly dredges sand or sandy silts, the small suction dredger operates on a 3 day/week basis concentrating on silts, fine sands and berth/frontage dredging. Both are traditional suction dredgers with active bottom door dumping systems, the only variation being the vessel deadweight capacity and the inclusion of an active drag-head on the larger vessel to assist in the sand dredging.</p> <p>Both vessels are essentially maintenance dredge vessels however limited capital dredge is possible where the material is soft or relatively unconsolidated. The two vessels are "Heortnesse" (the larger vessel) and "Cleveland County".</p> <p>Maintenance dredging operations</p> <p>The suction dredgers operate on a nominal production time 8-10 hours per day for 6 days per week, this can for a limited period be increased to 22 hours and 7 days per week where sudden increases in deposition rate occur primarily following storm conditions.</p> <p>Based on both vessels working together the maximum disposal rate equates to around 1200mt per hour and nominally centred around daylight hours.</p> <p>Plough Dredging</p> <p>PD Teesport employs a buoy tender "Wilton" using a 5 metre plough (bed-leveller) to remove isolated high spots on the river bed primarily off frontages or confined areas. The material is removed from the high spots and deposited into deeper areas where they can be removed using conventional suction dredge process.</p> <p>This results in no change and on occasion a reduction in production volume or disposal volume but allows dredge</p> |
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| | <p>depths to be better maintained.</p> <p>Maintenance dredging operations</p> <p>Chart areas 1 to 5 generally have dredge materials of an organic silty nature. Chart areas 6 to 8 are generally sandy silt and silty sand, and chart areas 9 and seaward (i.e. 10, 11 and 12) are predominantly composed of sand with fine sand moving to a coarser nature into the sea reaches.</p> <p>All issues relating to safe navigation are controlled by the Competent Harbour Authority's integrated management system the requirements with which the Conservancy Engineering Department complies.</p> <p>Disposal within the designated maintenance disposal site (Tees Bay A TY160) is controlled under the Tees Disposal Protocol. The site is zoned into 12 distinct sub-sites which are rotated on a monthly basis, and monitoring of this site is undertaken by PD Teesport (bathymetry) and CEFAS (sediment quality/contamination).</p> <p>The location of dredge areas and positioning of vessels within the disposal site are controlled using the integrated navigation, survey and dredge control software, with final locations for disposal confirmed and recorded within the Port Operation Centre VTS system.</p> <p>Where dredge areas are subject to the application of the Conservation of Species and Habitats Regulations 2010 (Habitats Regulations), such operations are planned and consents are agreed in advance with Natural England and other relevant Statutory Consultees as necessary.</p> <p>This method statement should be read in conjunction with the Maintenance Dredging Baseline Protocol Document which is available for years 2000-2005, 2006-2008, 2009/2010, 2010/11. This document is updated yearly by PD Teesport.</p> |
| Programme of works | Works are performed on a daily basis throughout the year and covered under the Tees Baseline Document. |

| Site 2 - HARTLEPOOL DOCKS AND WATER AREA | |
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| Site location | Source site only, this licence does not authorise dredging. As per coordinates in licence schedule two. |

| Site 3 - RIVER TEES CHANNEL | |
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| Site location | Source site only, this licence does not authorise dredging. As per coordinates in licence schedule three. |

| Site 4 - HARTLEPOOL ENTRANCE CHANNEL | |
|--------------------------------------|---|
| Site location | Source site only, this licence does not authorise dredging. As per coordinates in licence schedule four. |

| Site 5 - RIVER TEES BERTHS AND FRONTAGES | |
|--|---|
| Site location | Source site only, this licence does not authorise dredging. As per coordinates in licence schedule five. |

| Site 6 - SEATON CHANNEL BASIN AND BERTHS | |
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| Site location | Source site only, this licence does not authorise dredging. As per coordinates in licence schedule six. |

5 Licence conditions

5.1 General conditions

5.1.1 Notification of commencement

The licence holder must notify the MMO prior to the commencement of the first instance of any licensed activity. This notice must be received by the MMO no less than five working days before the commencement of that licensed activity.

5.1.2 Licence conditions binding other parties

Where provisions under section 71(5) of the 2009 Act apply, all conditions attached to this licence apply to any person who for the time being owns, occupies or enjoys any use of the licensed activities for which this licence has been granted.

5.1.3 Agents / contractors / sub-contractors

The licence holder must notify the MMO in writing of any agents, contractors or sub-contractors that will carry on any licensed activity listed in section 4 of this licence on behalf of the licence holder. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity.

The licence holder must ensure that a copy of this licence and any subsequent revisions or amendments has been provided to, read and understood by any agents, contractors or sub-contractors that will carry on any licensed activity listed in section 4 of this licence on behalf of the licence holder.

5.1.4 Vessels

The licence holder must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in section 4 of this licence on behalf of the licence holder. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master's name, vessel type, vessel IMO number and vessel owner or operating company.

The licence holder must ensure that a copy of this licence and any subsequent revisions or amendments has been read and understood by the masters of any vessel being used to carry on any licensed activity listed in section 4 of this licence, and that a copy of this licence is held on board any such vessel.

5.1.5 Changes to this licence

Should the licence holder become aware that any of the information on which the granting of this licence was based has changed or is likely to change, they must notify the MMO at the earliest opportunity. Failure to do so may render this licence invalid and may lead to enforcement action.

5.1.6 Licence Quantities

Where a licensed activity comprises dredging or the disposal of dredged material,

the total quantity of material authorised to be dredged or disposed of in any given time period shall be as set out for that licensed activity in section 4 of this licence.

For each time period, the actual quantity dredged or disposed of shall be calculated by adding the quantity of material dredged or disposed of during that time period under this version of this licence to that dredged or disposed of under any previous version of this licence that was valid during that time period.

5.2 Project specific conditions

This section sets out project specific conditions relating to the licensed activities as set out in section 4 of this licence.

| Project specific conditions | |
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| 5.2.1 | <p>Material should be excluded from disposal at sea from the following, wharfs, frontages and/or locations:</p> <p>Cochrane's/Tees wharf; Normanby Wharf Graving Dock; Tees Offshore Base; Bamletts Wharf; and Britania Enterprise Zone.</p> <p>And in the interim, also from Teesport Commerce wharf (TPC) Dry Dock</p> <p>Reason: <i>To ensure that only material which has contaminant levels within those ranges which are considered acceptable for disposal at sea are disposed via this route.</i></p> |
| 5.2.2 | <p>The licence holder must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO, Marine Pollution Response Team.</p> <p>Within office hours: 0300 200 2024.</p> <p>Outside Office hours: 07770 977 825.</p> <p>At all times if other numbers out of order: 0845 051 8486.</p> |

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| | <p>dispersants@marinemanagement.org.uk.</p> <p>Reason: <i>To ensure that any spills are appropriately recorded and managed to minimise impact to sensitive receptors and general marine environment.</i></p> |
| 5.2.3 | <p>The Licence Holder must ensure that dredged material is passed through grid screens no larger than 30cm to minimise the amount of man-made materials disposed of at sea. Any man-made material must be separated from the dredged material and disposed of to land.</p> <p>Reason: <i>To exclude the disposal at sea of man made material such as shopping trolleys, masonry, paint cans etc</i></p> |

6 Compliance and enforcement

This licence and its terms and conditions are issued under the Marine and Coastal Access Act 2009.

Any breach of the licence terms and conditions may lead to enforcement action being taken. This can include variation, revocation or suspension of the licence, the issuing of an enforcement notice, or criminal proceedings, which may carry a maximum penalty of an unlimited fine and / or a term of imprisonment of up to two years.

Your attention is drawn to Part 4 of the Marine and Coastal Access Act 2009, in particular sections 65, 85 and 89 which set out offences, and also to sections 86, 87 and 109 which concern defences. The MMO's Compliance and Enforcement Strategy can be found on our website (<https://www.gov.uk/government/publications/compliance-and-enforcement-strategy>).