

# Marine Licence

**Licence Number:** L/2012/00366

This is a licence issued by the Marine Management Organisation (MMO) on behalf of the Secretary of State to the licence holder named below to carry out activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009.

The licence is for licensable activities carried out as part of the project specified in Section 2 of this licence and is subject to the terms and conditions set out in this Licence.

## Licence Holder

**Name:** PD Teesport Limited  
**Company Registration No:** 1233997  
**Address:** Conservancy Engineering Department  
PD Teesport Limited  
Vulcan Street  
Middlesbrough, TS2 1LX  
TS2 1LX

## Licence Date:

**Valid From** 1st October 2012  
**Valid to:** 31st May 2015

Date of issue: 28th September 2012

Mr Mark Qureshi  
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## Section 1: General

### 1.1 Interpretation

In this licence:-

- (a) "the Act" means the Marine and Coastal Access Act 2009.
- (b) "Licensable Activity" means any activity listed in s.66(1) of the Act and section 2.2 of this licence.
- (c) "MMO" means the Marine Management Organisation.
- (d) "Sea" means any area submerged at mean high water spring tide and the waters of every estuary, river or channel, so far as the tide flows at mean high water spring tide.
- (e) "Sea Bed" means the solid surface of the Earth which lies under the Sea.
- (f) "Dredging" means using any device to move material (whether or not suspended in water) from one part of the sea or sea bed to another part.
- (g) "Licensing Authority" means the Secretary of State.
- (h) "Vessel" means hovercraft, and any other craft capable of travelling on, in or under water, whether or not self-propelled.
- (i) "Location" and "Disposal Site" and "Disposal Sites" means those locations listed in section 2.4 of this Licence.
- (j) "Licence Holder" means the individual(s) and Organisation(s) named above to whom this licence is issued.
- (k) All times shall be taken to be Greenwich Mean Time (GMT).
- (l) 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.

### 1.2 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**  
**Marine Consents Team**  
**Lancaster House**

**Hampshire Court  
Newcastle upon Tyne  
NE4 7YH**

**Tel: 0300 123 1032  
Fax: 0191 376 2681  
Email: [marine.consents@marinemanagement.org.uk](mailto:marine.consents@marinemanagement.org.uk)**

Any references to the Local District Marine Officer shall mean the relevant District Marine 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](mailto:northshields@marinemanagement.org.uk)**

### **1.3 Returns to be made to the MMO by the Licence Holder**

Table 1, below, sets out the returns that the Licence Holder must make and the corresponding dates by which they must reach the MMO.

**IMPORTANT: No operations licensed herein may start until the Licence Holder has notified the MMO in writing that it accepts the terms and conditions of this licence. The notification may be sent to the MMO by post or email, using the contact details set out above in section 1.2.**

**Table 1**

<b>Return No.</b>	<b>Return Description</b>	<b>Return Deadline</b>
1	Licence Holder to accept terms and conditions of Licence.	Within 10 working days from licence Date of Issue.
2	Licence Holder to notify Local District Marine Officer of proposed start of works date.	No less than 5 working days before work is due to start.
3	Licence Holder to notify Local District Marine Officer of completion of works.	Within 10 working days of completion of works.

## **1.4 Inspection of records etc.**

The Licence Holder shall-

(a) Permit any person who is appointed by the MMO for the purpose to inspect, and make notes from, all books, papers, maps and other records of any kind kept by the Licence Holder in pursuance of this licence or in connection with activities associated with this licence.

(b) Furnish that person at reasonable times with such information and provide him at reasonable times with such reasonable assistance as he may request in connection with or arising out of an inspection in pursuance of this clause.

## **1.5 Rights of access**

Any person or persons authorised by the MMO shall be entitled at all reasonable times to enter into and upon any of the Licence Holders installations, vessels or equipment used or to be used in connection with the activities authorised by this licence in accordance with Chapter 2, Part 8 of the Act.

## **1.6 Variation, suspension, revocation and transfer**

(1) A licensing authority may by notice vary, suspend or revoke a licence granted by it if it appears to the authority that there has been a breach of any of its provisions.

(2) A licensing authority may by notice vary, suspend or revoke a licence granted by it if it appears to the authority that:

(a) In the course of the application for the licence, any person either supplied information to the authority that was false or misleading or failed to supply information, and

(b) If the correct information had been supplied the authority would have, or it is likely that the authority would have, refused the application or granted the licence in different terms.

(3) A licensing authority may by notice vary, suspend or revoke a licence granted by it if it appears to the authority that the licence ought to be varied, suspended or revoked:

(a) Because of a change in circumstances relating to the environment or human health;

(b) Because of increased scientific knowledge relating to either of those matters;

(c) In the interests of safety of navigation;

(d) For any other reason that appears to the authority to be relevant.

## **1.7 Force Majeure**

If by reason of force majeure any substances or articles are deposited otherwise than at the Disposal Sites specified in section 5 of this Licence, below, then the full details of the circumstances must be notified to the MMO within 48 hours of the incident occurring. 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 otherwise than at the specified Disposal Sites because the safety of human life or the vessel is threatened.

## Section 2: Project Details

### 2.1 Licence Categories

The category of works hereby licensed is: Dredged material disposal.

### 2.2 Description of project

#### Project Title

Tees and Hartlepool Maintenance Dredge Disposal

#### Project Background

Annual renewal of the maintenance dredge disposal consent, consent is on-going over many years

#### Programme of Works

Works are performed on a daily basis throughout the year and covered under the Tees Baseline Document

### 2.3 Works Methodology

The works will be carried out using the following methodology:

#### **PD Teesport - Maintenance Dredging Method Statement**

##### **Suction Dredging**

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.

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.

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".

##### **Maintenance dredging operations**

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.

Based on both vessels working together the maximum disposal rate equates to around 1200mt per hour and nominally centred around daylight hours.

### **Plough Dredging**

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.

This results in no change and on occasion a reduction in production volume or disposal volume but allows dredge depths to be better maintained.

### **Maintenance dredging operations**

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.

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.

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).

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.

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.

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, and most recently 2010/11. This document is updated yearly by PD Teesport.

## **2.4 Location**

The Licence Holder, and any third parties specified in section 2.5 of this licence, may engage in the Licensed Activity at the following locations:

### **Dredged Material Disposal (Source Material Locations)**

#### **RIVER TEES CHANNEL (WGS84) as defined by the following coordinates:**

54°40.1900'N 01°06.2700'W  
54°40.5800'N 01°07.4300'W  
54°35.6000'N 01°12.7300'W  
54°36.0800'N 01°16.2600'W  
54°34.7600'N 01°16.2500'W  
54°34.4000'N 01°09.4300'W  
54°40.1900'N 01°06.2700'W

#### **RIVER TEES BERTHS AND FRONTAGES (WGS84) as defined by the following coordinates:**

54°40.1900'N 01°06.2700'W  
54°40.5800'N 01°07.4300'W  
54°35.6000'N 01°12.7300'W  
54°36.0800'N 01°16.2600'W  
54°34.7600'N 01°16.2500'W  
54°34.4000'N 01°09.4300'W  
54°40.1900'N 01°06.2700'W

#### **HARTLEPOOL ENTRANCE CHANNEL (WGS84) as defined by the following coordinates:**

54°41.7800'N 01°11.4700'W  
54°41.0000'N 01°10.6100'W  
54°41.0600'N 01°10.4500'W  
54°41.2900'N 01°10.2600'W  
54°41.2900'N 01°10.7200'W  
54°41.8000'N 01°11.4200'W  
54°41.7800'N 01°11.4700'W

#### **HARTLEPOOL DOCKS AND WATER AREA (WGS84) as defined by the following coordinates:**

54°41.8000'N 01°11.9600'W  
54°42.0600'N 01°11.5800'W  
54°41.8500'N 01°11.1100'W  
54°41.6200'N 01°11.2600'W  
54°41.8400'N 01°11.7500'W  
54°41.7600'N 01°11.8900'W  
54°41.8000'N 01°11.9600'W



**SEATON CHANNEL BASIN AND BERTHS (WGS84) as defined by the following coordinates:**

54°38.1900'N 01°11.5300'W  
54°38.0700'N 01°11.7600'W  
54°37.7500'N 01°11.3200'W  
54°37.7600'N 01°09.7100'W  
54°37.8800'N 01°09.7400'W  
54°38.1900'N 01°11.5300'W

**Dredged Material Disposal (Disposal Sites). The Deposit Areas authorised under this licence are:**

**TEES BAY A (WGS84) as defined in Section 5**

The Licence Holder or any Agent, Contractor or sub-contractor acting on their behalf under this licence is permitted to deposit the substances or articles specified in the table(s) below at this Deposit Area in quantities not exceeding the amounts specified.

*Maintenance Dredging*

Material	Location	Disposal Location	Total Quantity (Tonnes)
Sand (62.5um-2mm)	HARTLEPOOL DOCKS AND WATER AREA	TEES BAY A	270000
Sand (62.5um-2mm)	HARTLEPOOL ENTRANCE CHANNEL	TEES BAY A	52800
Sand (62.5um-2mm)	RIVER TEES BERTHS AND FRONTAGES	TEES BAY A	59250
Sand (62.5um-2mm)	RIVER TEES CHANNEL	TEES BAY A	1255800
Sand (62.5um-2mm)	SEATON CHANNEL BASIN AND BERTHS	TEES BAY A	192720
Silt (31.25-62.5um)	HARTLEPOOL DOCKS AND WATER AREA	TEES BAY A	128480
Silt (31.25-62.5um)	RIVER TEES BERTHS AND FRONTAGES	TEES BAY A	34200
Silt (31.25-62.5um)	RIVER TEES CHANNEL	TEES BAY A	59250

Silt (31.25-62.5um)	SEATON CHANNEL BASIN AND BERTHS	TEES BAY A	837200
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**Period: -**

Material	Location	Disposal Location	Quantity (Tonnes)	Comments
Sand (62.5um-2mm)	HARTLEPOOL DOCKS AND WATER AREA	TEES BAY A	270000	
Sand (62.5um-2mm)	HARTLEPOOL ENTRANCE CHANNEL	TEES BAY A	30000	
Sand (62.5um-2mm)	HARTLEPOOL ENTRANCE CHANNEL	TEES BAY A	22800	
Sand (62.5um-2mm)	RIVER TEES BERTHS AND FRONTAGES	TEES BAY A	59250	
Sand (62.5um-2mm)	RIVER TEES CHANNEL	TEES BAY A	1255800	
Sand (62.5um-2mm)	SEATON CHANNEL BASIN AND BERTHS	TEES BAY A	192720	
Silt (31.25-62.5um)	HARTLEPOOL DOCKS AND WATER AREA	TEES BAY A	128480	
Silt (31.25-62.5um)	RIVER TEES BERTHS AND FRONTAGES	TEES BAY A	34200	
Silt (31.25-62.5um)	RIVER TEES CHANNEL	TEES BAY A	59250	
Silt (31.25-62.5um)	SEATON CHANNEL BASIN AND BERTHS	TEES BAY A	837200	

## 2.5 Agents/contractors/sub-contractors

The third parties permitted to engage in the Licensed Activity are:

Name of Agent, Contractor or sub-contractor	Function
None	None

## 2.6 Persons Responsible for the Deposit of the Substances or Articles

The operators, vessels and vehicles permitted to engage in the Licensed Activity are:

<b>Name of Vessel or Vehicle Registration</b>	<b>Operator</b>	<b>Type(s)</b>
HEORTNESSE	PD Teesport Ltd	Trailing Suction Hopper Dredger
CLEVELAND COUNTY	PD Teesport Ltd	Trailing Suction Hopper Dredger

The Master or the Officer of the Watch of each of these vessels and vehicles undertaking the Licensed Activity must maintain a written log of operations recording, in the English Language, the following information:

- (a) The name of the vessel.
- (b) The quantity and type of each substance or article loaded for deposit.
- (c) The date and time of departure from the port or site at which the substances or articles are loaded for deposit in the sea and time of arrival (and date if different) at the Disposal Sites on each occasion that it proceeds to and from such area.
- (d) Latitude and Longitude position (in degrees and minutes and decimal of a minute to at least one decimal place) of the vessel at intervals of not more than 20 minutes throughout the course of any disposal element of the Licensed Activity being undertaken, which for the purpose of this Licence shall be the commencement of loading each consignment of material for deposit in the Sea to the completion placement of that material at the Disposal Sites.
- (e) The time taken to complete the disposal Licensed Activity operation and a statement of the reasons for any delays.
- (f) Courses and speeds together with any alterations throughout each consignment disposal (multiple changes may be recorded as "various").
- (g) The rate of deposit, together with any variations, throughout the disposal Licensed Activity.
- (h) Weather, Sea-state, wind and tidal set, and rate throughout the disposal Licensed Activity.
- (i) The signature of the Master at the foot of each log sheet or page of the record.

All deposit vessels are required to carry an Admiralty Chart of appropriate scale to be used in navigation on which the coordinates of the licensed Disposal Sites should be marked.

## **2.7 Distribution of copies**

The Licence Holder must ensure that a copy of this licence and any subsequent revisions or amendments is given to all third parties listed in section 2.5, above, and the Masters of all vessels and transport managers responsible for the vehicles listed in section 2.6.

The Licence Holder must also keep a copy of this licence at:

PD Teesport Limited

Conservancy Engineering Department  
PD Teesport Limited  
Vulcan Street  
Middlesbrough, TS2 1LX

## Section 3: Licence Conditions

### 3.1 Prior to the Commencement of the Works

The Licence Holder must submit the pre-works returns specified in Table 1 of section 1.3, above.

None

### 3.2 During the Works

**3.2.1** Material should be excluded from disposal at sea from the following wharfs/frontages;

**Cochrane's/Tees wharf,**

**Normanby Wharf Graving Dock**

**Tees Offshore Base**

And in the interim, also from

**Teesport Commerce wharf (TPC) Dry Dock**

*Reason: 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.*

**3.2.2** 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.

Within Office hours 0870 785 1050

Outside Office hours 07770 977 825

At all times if other numbers out of order - 0845 051 8486

dispersants@marinemanagement.org.uk

*Reason: To ensure that any spills are appropriately recorded and managed to minimise impact to sensitive receptors and general marine environment.*

- 3.2.3** 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.

*Reason: To exclude the disposal at sea of man made material such as shopping trolleys, masonry, paint cans etc*

### **3.3 Conditions upon completion of the Works**

- 3.3.1** The Licence Holder must submit the post-works returns specified in Table 1 of section 1.3, above.

*Reason: In order that the terms and conditions of the Marine Licence are adhered to.*

## **Section 4: 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 shall notify the MMO at the earliest opportunity.

Should the Licence Holder wish to undertake the Licensed Activity in a manner that is contrary to the terms and conditions of this licence they shall inform the MMO at the earliest opportunity and in any event shall not carry out the Licensed Activity in a manner contrary to the terms and conditions of this licence unless and until permission has been given by MMO.

## Section 5: Disposal Sites

### Dredged Material Disposal (Disposal Sites)

**TEES BAY A (WGS84) as defined by the following coordinates:**

54°40.9980'N 01°00.2999'W

54°40.2000'N 01°01.5000'W

54°40.8000'N 01°03.4980'W

54°41.5020'N 01°02.2020'W

54°40.9980'N 01°00.2999'W