



# **ABP**

## **Associated British Ports**

### **South Wales**

#### **NOTICE TO MARINERS**

#### **NO 17 OF 2013**

#### **SWANSEA BAY TIDAL LAGOON – SITE INVESTIGATION WORKS**

Mariners are advised that Environmental Scientifics Group (ESG) will be carrying out Site Investigation works within the site of the proposed Swansea Bay Tidal Lagoon Scheme on behalf of Tidal Lagoon (Swansea Bay) plc.

There are three phases to the Site Investigation which will take place as follows:

| <b>Phase</b>                             | <b>Description and Vessel</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1: Survey Works                          | A site survey will be undertaken from the MV Pulsar, a 7.2m catamaran with yellow topsides. The vessel will be towing equipment and so have restricted manoeuvrability. It is requested that clearance of 500 metres be given to the vessel.                                                                                                                                                                                                  |
| 2: Seabed Sampling from a vessel         | The vessel to be employed on this will be the MV Flatholm, a 24 metre dedicated survey vessel with a blue hull and white topsides. Instruments will be deployed over the side of this anchored vessel to obtain seabed samples and carry out tests. The vessel will have restricted manoeuvrability and it is requested that a clearance of 500 metres be given.                                                                              |
| 3: Seabed sampling from a fixed platform | Seabed samples will be obtained using drilling techniques from the Haven Seariser 2 a four legged jack up platform 29 metres by 17 metres with black and red superstructure. The platform is fixed when sampling is underway and will have a vessel (tbc) in attendance at all times. The jack up will be towed between sampling points and so will have restricted manoeuvrability. It is requested that a clearance of 500 metres be given. |

Survey operations will be conducted across the following dates (weather permitting):

| Phase                                    | Dates and Times                                                                                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1: Survey Works                          | 4 to 10 June 2013<br><br>Operations will be conducted working up to 12 hours per day, daylight hours only 7 days a week.  |
| 2: Seabed Sampling from a vessel         | 17 to 26 June 2013<br><br>Operations will be conducted working up to 12 hours per day, daylight hours only 7 days a week. |
| 3: Seabed sampling from a fixed platform | 1 to 19 July 2013<br><br>Operations will be conducted 24 hours per day, 7 days per week                                   |

## SURVEY AREA



Co-ordinates of site boundary (WGS84)

| Latitude (D M S)  | Longitude (D M S) |
|-------------------|-------------------|
| 51° 36' 28.406" N | 3° 55' 31.959" W  |
| 51° 35' 8.136" N  | 3° 56' 14.294" W  |
| 51° 34' 41.082" N | 3° 55' 28.460" W  |
| 51° 34' 42.264" N | 3° 54' 16.028" W  |
| 51° 36' 15.495" N | 3° 52' 11.417" W  |
| 51° 37' 5.485" N  | 3° 52' 29.281" W  |
| 51° 36' 28.406" N | 3° 55' 31.959" W  |

## VESSEL DETAILS

### Phase 1: Survey Works.

|                     |                                  |                                                                                    |
|---------------------|----------------------------------|------------------------------------------------------------------------------------|
| <b>Vessel Name</b>  | <b>MV Pulsar</b>                 |  |
| <b>Call Sign</b>    | <b>2FBX2</b>                     |                                                                                    |
| <b>IMO Number</b>   | <b>None</b>                      |                                                                                    |
| <b>E-mail</b>       | <b>Russell.Venning@esg.co.uk</b> |                                                                                    |
| <b>Mobile Phone</b> | <b>07803 262240</b>              |                                                                                    |
| <b>Sat Phone</b>    | <b>None</b>                      |                                                                                    |
| <b>Length</b>       | <b>7.20 m</b>                    |                                                                                    |
| <b>Beam</b>         | <b>2.70 m</b>                    |                                                                                    |


During the survey, the vessel will display the prescribed lights and day shape signals for the operations being completed and will be monitoring VHF Channel 16.

### Phase 2: Seabed Sampling from a vessel.

|                     |                                  |                                                                                     |
|---------------------|----------------------------------|-------------------------------------------------------------------------------------|
| <b>Vessel Name</b>  | <b>MV Flatholm</b>               |  |
| <b>Call Sign</b>    | <b>G H L Z</b>                   |                                                                                     |
| <b>IMO Number</b>   | <b>7626774</b>                   |                                                                                     |
| <b>E-mail</b>       | <b>mvflatholm@googlemail.com</b> |                                                                                     |
| <b>Mobile Phone</b> | <b>07702 169004</b>              |                                                                                     |
| <b>Sat Phone</b>    | <b>+88 1631 448341</b>           |                                                                                     |
| <b>Length</b>       | <b>23.30m</b>                    |                                                                                     |
| <b>Beam</b>         | <b>8.00 m</b>                    |                                                                                     |

During operations, the vessel will display the prescribed lights and day shape signals for the operations being completed and will be monitoring VHF Channel 16.

### Phase 3: Seabed Sampling from a fixed platform.

|                       |                         |                                                                                      |
|-----------------------|-------------------------|--------------------------------------------------------------------------------------|
| <b>Vessel Name</b>    | <b>Haven Seariser 2</b> |  |
| <b>Call Sign</b>      | <b>None</b>             |                                                                                      |
| <b>IMO Number</b>     | <b>None</b>             |                                                                                      |
| <b>E-mail</b>         | <b>None</b>             |                                                                                      |
| <b>Mobile Phone</b>   | <b>TBC</b>              |                                                                                      |
| <b>Sat Phone</b>      | <b>None</b>             |                                                                                      |
| <b>Length</b>         | <b>29.30 m</b>          |                                                                                      |
| <b>Beam</b>           | <b>17.08 m</b>          |                                                                                      |
| <b>Max Leg Length</b> | <b>36.00 m</b>          |                                                                                      |

During operations, the vessel will display the prescribed lights and day shape signals for the operations being completed and will be monitoring VHF Channel 16. A support vessel/tug (tbc) will be in attendance at all times and will also be monitoring VHF Channel 16.

### Distribution List:

South Wales Harbour Master  
(for onward distribution) [mchidlow@abports.co.uk](mailto:mchidlow@abports.co.uk)  
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Further details are available from Environmental Scientifics Group at:  
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Environmental Scientifics Group offer a full range of hydrographic, oceanographic and geophysical surveys within the near-shore and coastal environments. For further details please see our website or contact us at the above details

**HARBOUR MASTER, SOUTH WALES**  
**Queen Alexandra House, Cargo Road, CARDIFF, CF10 4LY**

22nd May 2013

**All ABP South Wales Notices to Mariners may be viewed on: - [www.southwalesports.co.uk](http://www.southwalesports.co.uk)**

Owners, Agents and Charters should ensure that the contents of this notice are made known to the masters or persons in charge of their vessel or craft