

John Bennett

From: Harbour Master - Hayle Harbour Authority <hm@hayleharbourauthority.co.uk>
Sent: 13 October 2011 11:18
To: offshore.renewables@marinemanagement.org.uk;
margaret.tierney@marinemanagement.org.uk
Cc: jb@john-bennett.com; tim.armstead@ingrealestate.com
Subject: Consultation on Application for Marine Licence - Hayle Estuary

Dear Sirs

Wave hub project. Application for marine licence Hayle Estuary.

I respond on behalf of Hayle Harbour Authority Ltd the harbour authority at Hayle Harbour. I only respond in relation to the issues appropriate to a harbour authority.

Further to the response of the Chairman of the Hayle Harbour Advisory Committee (a body formed by statute to advise the harbour authority) (see below) to which we agree, I wish to add the following consultation response.

Without detailed modelling, which we accept is not always accurate, we have some concern that the proposed works may have some impact on the migration of sand along the beach. This in turn may influence the depth, shape and direction of the entrance channel to Hayle Harbour. We therefore urge caution. However, and in the absence of more detail, we feel it unlikely that the proposed works will have a major adverse impact on the risks to navigational safety including obstruction and endangerment within harbour limits.

The Harbour Authority is keen to work with wave hub. If beach re-profiling is appropriate or if beach material is required we would consider permitting beach material from the entrance channel of the harbour being used. Ideally, it could be pumped from the channel (locations to be agreed) to the works.

We raise the issue that some of this work may be above MHWS.

Mark Capon

Harbour Master
Hayle Harbour Authority

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----- Original Message -----

From: John Bennett [<mailto:jb@john-bennett.com>]
To: offshore.renewables@marinemanagement.org.uk, margaret.tierney@marinemanagement.org.uk
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Sent: Wed, 12 Oct 2011 16:28:57 +0100

Subject: Consultation on Application for Marine Licence - Hayle Estuary

Reference: Licence application for works to cover the exposed Wave Hub cable and junction box, Hayle Estuary

I am authorised to respond on behalf of the Hayle Harbour Advisory Committee, a body established by the Hayle Harbour Act, 1989 to advise on operations of the Hayle Harbour and estuary.

Our committee voted as follows:

1. We do not support the proposed solution of rock and sand cover because of its unknown effect on the local environment. Additionally, if the sand cover is washed away, the resulting rock covered structure would be unsightly.
2. Our recommendation is for the Wave Hub cable and junction box to be covered with sand as part of a beach re-profiling. The level of the area which has suffered erosion would be raised by sand obtained by pumping from the harbour entrance (exact locations to be approved by the Harbour Master). If necessary, additional sand could be obtained from the area to the west of the cable, above mean high water) where the level of sand is currently higher than usual. Although we cannot advise the amount of sand needed for this operation, we anticipate that a significant increase in the sand level over the whole depleted area will provide protection to the cable without reducing the amenity value of the beach.

John Bennett, Chairman, Hayle Harbour Advisory Committee

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