

Notice to Mariners No 2 / 2016

Blyth Offshore Demonstrator Project

Deployment of Hydrophones



29th February 2016

BOD-101-04-SMC-NTM-00006-A-01

Important Notice to Mariners

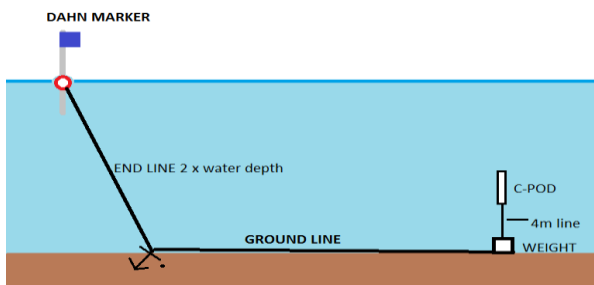
Blyth Offshore Demonstration Ltd (BODL) will be deploying 11 Hydrophones offshore at Blyth in order to monitor the presence and activity of small cetaceans in and around the proposed turbine development array. The deployment date is currently set as the 5th March.

The hydrophones (pods) are passive devices consisting of a buoyant plastic tube 67cm in length and 10cm in diameter attached to a weight by a 4m length of line, with the battery powered electronic recording device inside. These devices emit no noise of any kind, nor cause any disturbance to the marine environment. They simply listen and record. Periodically they are retrieved from the sea onto the vessel. Once on board the data is downloaded and batteries are checked. Then they are then redeployed at the same location to continue data collection. The period of deployment will be until at least October 2016.

The pod and weight arrangement are attached to a ground line, which is in turn attached to a standard fishing anchor and dahn surface marker; the distance between the anchor and Cpod is approximately 3 x water depth (Ground Line), please see diagram below. On the surface, the marker is in keeping with the type, size and construction method used by local fisherman for their fishing gear markers in the areas of deployment. As are all the other ropes and rigging used throughout. The vessel Princess Royal will be used to deploy and retrieve the equipment.

Please note that the inshore cpod on the cable route will have its surface buoys and lines removed so that it doesn't interfere with salmon drift netting and the surface marker will be reattached once salmon netting season finishes. Therefore the cpod will still be present but not marked in the mid water column. All cpods are fitted with AIS units to mark there positions.

DEPLOYMENT METHOD



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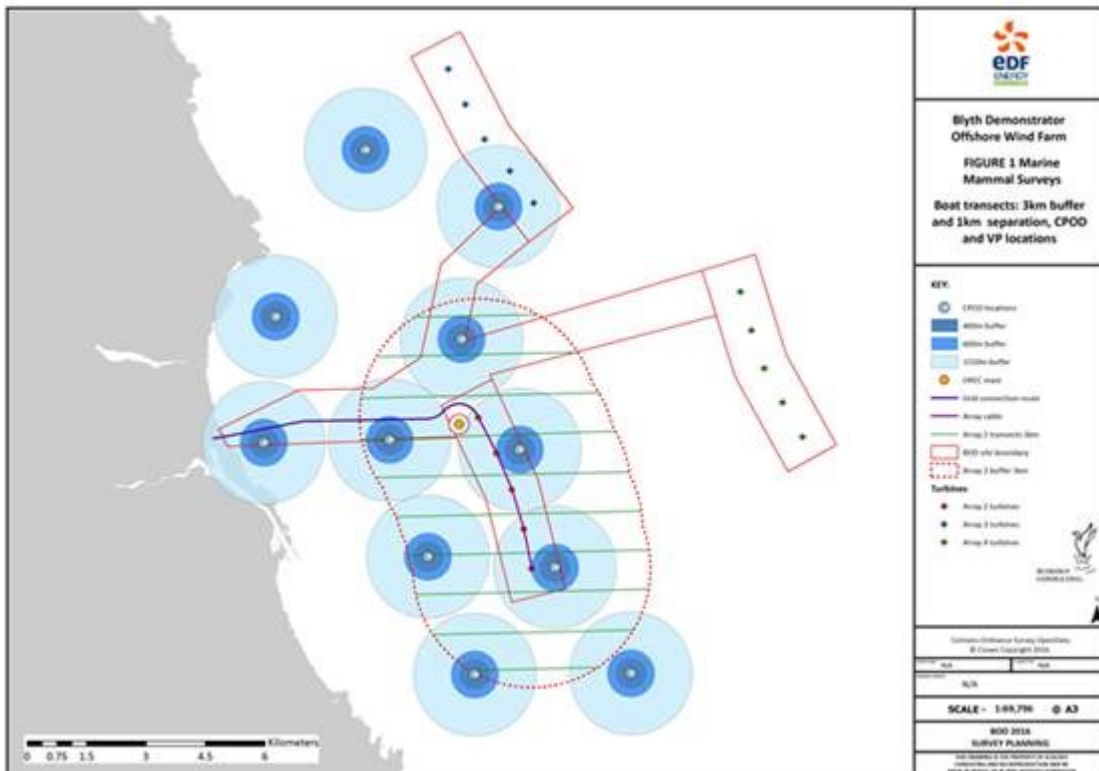


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The location and deployment of the hydrophones area will be as shown in the map below and the deployment coordinates are as follows (WGS84 Lat/Long Decimal Degrees):

Reference	Latitude	Longitude
N1	55.12.528044	1 27.221486
N2	55.11.745362	1 24.166449
OC1	55.8.601379	1 26.454478
OC2	55.8.262473	1 23.634612
S1	55.5.348866	1 24.908034
S2	55.5.348224	1 21.204254
CB	55.10.305098	1 29.49454
New 1	55.10.055539	1 24.286462
New 2	55.8.586937	1 29.342785
New 3	55.6.989057	1 25.75151
New 4	55.6.658683	1 22.886192



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Vessel name – Princess Royal
Vessel details - <http://www.ncl.ac.uk/marine/facilities/princessroyal/>
Call sign- 2EYM2
Mobile- 07730979784
Email- neil.armstrong@ncl.ac.uk



Specialist Marine Consultants is the appointed Fisheries Liaison Coordinator and can be contacted as follows:

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Further updates will be provided as required.

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