

HOLYHEAD – Marine Safety & Information Circular 04/2024

Morlais -Notification of the intention to deploy scientific equipment

Issued27th August, 2022Expires30th November, 2024

Please find attached a notice issued by Menter Môn regarding the deployment of an Acoustic Doppler Current Profiler (ADCP) of the Stacks.

The Harbour share this notice for information only and any queries should be directed to the contact points listed on Page 5 of the document.

We understand this notification has also been shared with the relevant regulators, and other Morlais Stakeholders via Kingfisher Bulletin <u>https://kingfisherbulletin.org/notice-map?noticeId=4447</u>

Enjoy the Harbour.

John Goddard Harbour Master Holyhead Harbour

Please note our new website address; www.holyheadportauthority.co.uk.



gwerth mewn gwahaniaeth delivering on distinction

Marine Characterisation Research Project (MCRP)

Hysbysiad bwriad i lleoli HydroWing ADCP intention to deploy notification

Menter Môn						
Marine Characterisation Research Project (MCRP)						
ICRP-MM-DOC-0043 Hydrowing ADCP intention to deploy notification						
Author: HydroWing						
Author: HydroWing						
Author: HydroWing MCRP Document No.: MCRP-MM-DOC-0043	Status	Version	Date:			

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HYDR WING

HydroWing – Cynllun lleoli ADCP - Cymraeg

Fel deiliad is-barth ym Mharth Arddangos Morlais (Morlais Demonstration Zone, MDZ), safle a weithredir gan Menter Môn, mae HydroWing yn bwriadu casglu data am yr isbarth mewn partneriaeth gyda DynamOcean. Mae lleoliad Parth Arddangos Morlais i'w weld isod.

HydroWing – ADCP deployment Plan – English

As a berth holder at the Morlais Demonstration Zone (MDZ), a site operated by Menter Môn, HydroWing in partnership with DynamOcean wish to undertake resource/velocity data collection. The location of the Morlais MDZ can be seen below.



Bydd un Acoustic Doppler Current Profiler (ADCP) yn cael ei ddefnyddio ar gyfer casglu'r data. Bydd un ADCP yn cael ei osod ar wely'r môr dros gyfnod o tua 12 wythnos yn y lleoliadau a ddangosir isod.

Bydd angen tua 0.5-1 diwrnod ar gyfer lleoli ac adfer yr ADCP ar y safle. Data collection will utilise one Acoustic Doppler Current Profiler (ADCP). The ADCP will be placed on the seabed in locations highlighted below and will be left for ~12 weeks.

ADCP Deployment/recovery operations will require ~0.5-1 days each on site.

Amserlen Ddisgwyliedig

Mae'r tabl isod yn dangos amserlen casglu data. Oherwydd ansicrwydd y tywydd ar yr adeg yma o'r flwyddyn, mae HydroWing wedi cynnig cyfnod o 1 mis ar gyfer lleoli ac adfer i alluogi hyblygrwydd wrth ymateb i gyflwr y tywydd a'r môr.

Mae'r dyddiadau disgwyliedig fel a ganlyn:

Lleoliad: 29ain Awst neu 12fed Medi

Cyfarpar/Offer wedi ei adael ar safle: hyd at 90 diwrnod ar ôl lleoli

Dyddiad Adfer: 21ain neu 28ain Tachwedd

Anticipated Timeline

The below shows the proposed timeline for the data collection operations. Due to weather uncertainties at this time of year, HydroWing have highlighted 1 month windows for deployment and recovery to enable flexibility and ability to be reactive to suitable weather/tide windows.

Expected dates are as follows:

Deployment: 29th August or 12th September

Equipment left subsea: Up to 90 days post deployment

Recovery date: 21st or 28th November

IF	Task	Date												
L		29/08/24	05/09/24	12/09/24	19/09/24	26/09/24	03/10/24	10/10/24	17/10/24	24/10/24	31/10/24	07/11/24	21/11/24	28/11/24
I F	ADCP													
L	Deployment													
IF	Equipment													
L	Subsea													
IF	ADCP													
l	Recovery													

Cyfesurennau / Cyfeirnod Map

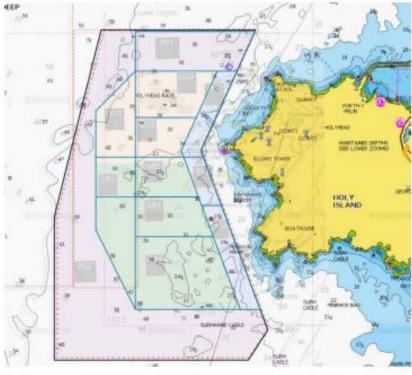
Mae Barth BL3 ar y map isod yn dangos yr ardal lle bydd llongau a cychod yn gweithio drwy gydol y prosiect i leoli'r cyfarpar ADCP.

Bydd yr ADCP yn cael eu lleoli yn y cyfesurynnau canlynol.

Locational Specifics

Berth BL3 shown in the Map below shows the area in which vessel activities associated with the project will take place along with the proposed locations for equipment deployment

ADCP will be deployed at the following coordinates:



WGS84	Decimal Degree				
Lat (°N)	53.291013				
Lon (°E)	-4.705037				

Ystyriaethau defnyddwyr lleol, ac iechyd a diogelwchMordwyaeth

 Mae'r holl gyfarpar yn cael ei gysylltu ar wely'r môr gydag uchder o yn llai na 2m – ac felly yn cyflwyno fel risg isel o berygl mordwyaeth. Mae HydroWing wedi ymgynghori gyda'r Asiantaeth y Môr a Gwylwyr y Glannau Maritime and Coastguard Agency (MCA) a Trinity House (TH) i roi gwybod o flaen llaw am yr holl weithrediadau sydd wedi eu cynllunio.

Pysgota / Tanfor – Mae'r holl offer sy'n cael i'w ddefnyddio fel rhan o'r cynllun yma yn hynod sensitif ac felly gofynnir i unrhyw weithgareddau a allai niweidio neu effeithio ar yr offer , gael ei osgoi dros y cyfnod o ~12 wythnos sydd wedi eu hamserlennu ar gyfer y gwaith lleoli. Mae'r cyfarpar yn cynnwys ffrâm ar wely'r môr ar gyfer yr ADCP gyda chadwyn 100 m wedi ei gysylltu i fwi rhyddha acwstig (acoustic release buoy).

Pwyntiau cyswilt – Nid yw HydroWing yn dymuno effeithio, nag atal unrhyw un rhag defnyddio'r ardal leol ac yn croesawu pobl leol i godi unrhyw bryderon gyda'r pwyntiau cyswilt isod.

Local Users and Safety Considerations Navigation

 All equipment is seabed mounted with height less than 2m – and therefore presents a low risk to navigation. The Maritime and Coastguard Agency (MCA), Trinity House (TH) have all been informed and consulted on the proposed operations.

Subsea / Fishing – All equipment to be deployed under this plan is highly sensitive and as such it is requested that any activities that have the potential to damage or impact the equipment are avoided in the exact and nearby locations of deployment through the ~12 week deployment timeline. The equipment will consist of the bedframe, a 100m ground line attached to an acoustic release pop up buoy.

Contact Points - HydroWing do not wish to impact ongoing local water users and welcome local users to raise any concerns to contact points at bottom of document.

Manylion cyswllt

Os oes gennych unrhyw bryderon neu gwestiynau ynglŷn â'r cynllun gwaith uwchben,rydym yn eich annog i gysylltu gyda'r manylion cyswllt isod:

- Osian Roberts
 - Rheolwr Masnachol
 - HydroWing Ltd
 - ebost: owr@inyanga.tech
 - Rhif Ffôn: 07746214383
- Helen Roberts
 - Rheolwr Prosiect MCRP
 - Menter Môn Morlais Ltd
 - ebost: <u>helenr@mentermon.com</u>
 - Rhif swyddfa: 01248 725700
 - Symudol: 07917155959
- Marc Lafosse
 - Cyfarwyddwr
 - Energie de la lune
 - ebost: <u>m.lafosse@energiedelalune.fr</u> Rhif ffôn: + (0) 33 0556777980

Contact Points

If you have any concerns or questions regarding the proposed operations, please feel free to make contact with the points below:

- Osian Roberts
 - Commercial Manager
 - HydroWing Ltd
 - Email: <u>owr@inyanga.tech</u>
 - Phone number: 07746214383
- Helen Roberts
 - Project Manager MCRP
 - Menter Môn Morlais Ltd
 - Email: helenr@mentermon.com
 - Office number: 01248 725700
 - Mobile number: 07917155959
- Marc Lafosse
- Director
 - Energie de la lune
 - Email: m.lafosse@energiedelalune.fr
 - Phone number: + (0) 33 0556777980