

Notice to Mariners

Date of Issue:	18 September 2024
Subject:	Arven Offshore Wind Farm: Passive Acoustic Monitoring Mooring Deployment
NtM Number:	001
Revision:	2
Author:	S MacNab, Consents

1 Introduction

This NtM updates Revision 1, issued on 27 August 2024, detailing plans for Arven Offshore Wind Farm to deploy Passive Acoustic Monitoring (PAM) moorings in and around the Arven Offshore Wind Farm area to gather data on marine mammal activity.

Five moorings were successfully deployed on 16 September 2024 by vessel *Ruby May*.

The PAM moorings are composed of a clump weight, rope with acoustic release system and scientific PAM equipment suspended beneath a set of floats. The PAM moorings have no surface expression (i.e. no surface marker buoy) and the top of the mooring extends approximately 4 - 6 metres above the seabed. The images below provide an indication of mooring setup. The acoustic release system and PAM equipment are marked with Arven contact details.

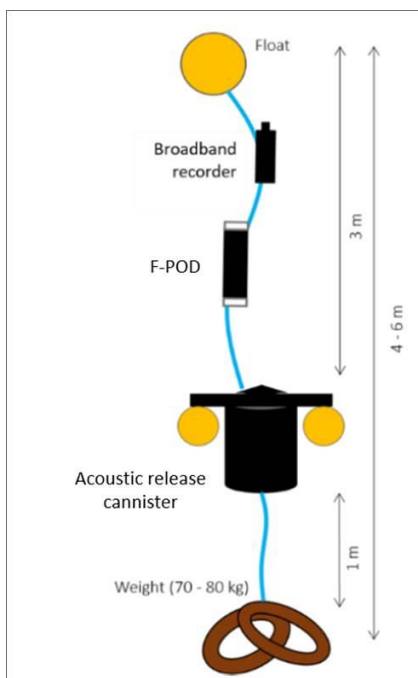


Figure 1 PAM mooring configuration



2 Area of Operations

The PAM moorings are deployed at the locations provided in Table 1 below.

Table 1 Deployed PAM mooring locations

PAM Station	WGS84 Latitude - Longitude				WGS84 UTM Zone 30N			
	Lat (DM.m)	Lon (DM.m)	Lat (D.m.s)	Lon (D.m.s)	Lat (DD)	Lon (DD)	Easting (m)	Northing (m)
AV-N1	60° 19.295' N	0° 15.267' W	60° 19' 17.700" N	0° 15' 16.020" W	60.32158	-0.25445	651622.16	6690383.2
AV-N2	60° 19.104' N	0° 00.905' E	60° 19' 06.240" N	0° 00' 54.300" E	60.31840	0.01508	666516.57	6690679.29
AV-N3a	60° 12.835' N	0° 06.010' W	60° 12' 50.100" N	0° 06' 00.600" W	60.21392	-0.10017	660665.90	6678764.75
AV-Sa	60° 10.612' N	0° 27.487' W	60° 10' 36.720" N	0° 27' 29.220" W	60.17687	-0.45812	640999.53	6673822.81
AV-Wc	60° 26.008' N	0° 54.447' W	60° 26' 00.480" N	0° 54' 26.820" W	60.43347	-0.90745	615174.23	6701516.6

3 Schedule

The PAM moorings deployment was completed in a single day on 16 September 2024. All planned activity is now complete, and the *Ruby May* has been demobilised.

4 Vessels Associated with the Activity

Table 2 *Ruby May*

Vessel name:	Ruby May
Vessel type:	Category 2 Workboat (ROV / Diving Inspection & Survey Vessel)
Vessel role:	PAM mooring deployment and recovery
Call sign:	2DGG5
On board contact:	Master: John Clark 07887 621670 john.clark@oceankinetics.co.uk Vessel email: rubymay@oceankinetics.co.uk



Image of vessel:



5 Fisheries Liaison

Fisheries liaison associated with the activity was co-ordinated by Brown and May Marine. For any commercial fishery queries please contact the Arven Company Fisheries Liaison Officer (CFLO), telephone: +44 7760 160039 / +44 7923 138175 or email: alex@brownmay.com / zoe@brownmay.com.

6 Distribution List

A central list of NtM recipients is maintained by the Company Fisheries Liaison Officer; if you are not the appropriate recipient of these notices, or do not wish to receive the notices in the future, please contact us at email: alex@brownmay.com / zoe@brownmay.com.

A copy of this notice can also be found at [News - Arven Offshore Wind Farm](#)

