

Notice to Mariners – Rampion 2 Underwater Noise Monitoring Survey Notification

Date: 8th March 2023 to 15th August 2023

From: Rampion Extension Development Limited

Contact Details

Rampion Extension Development Limited

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Introduction

The Rampion 2 offshore wind farm is a proposed development by RWE Renewables UK Wind Services Limited (RWE) on behalf of Rampion Extension Developments Limited (RED). The offshore element of Rampion 2 would be located within the English Channel, adjacent to Rampion 1, approximately 13km from the Sussex Coast. Rampion 2 would have a generating capacity of up to 1,200MW, with marine cables connecting the Wind Turbine Generators (WTGs) to up to three offshore substations and up to four cables from these substations transferring the electricity onshore.

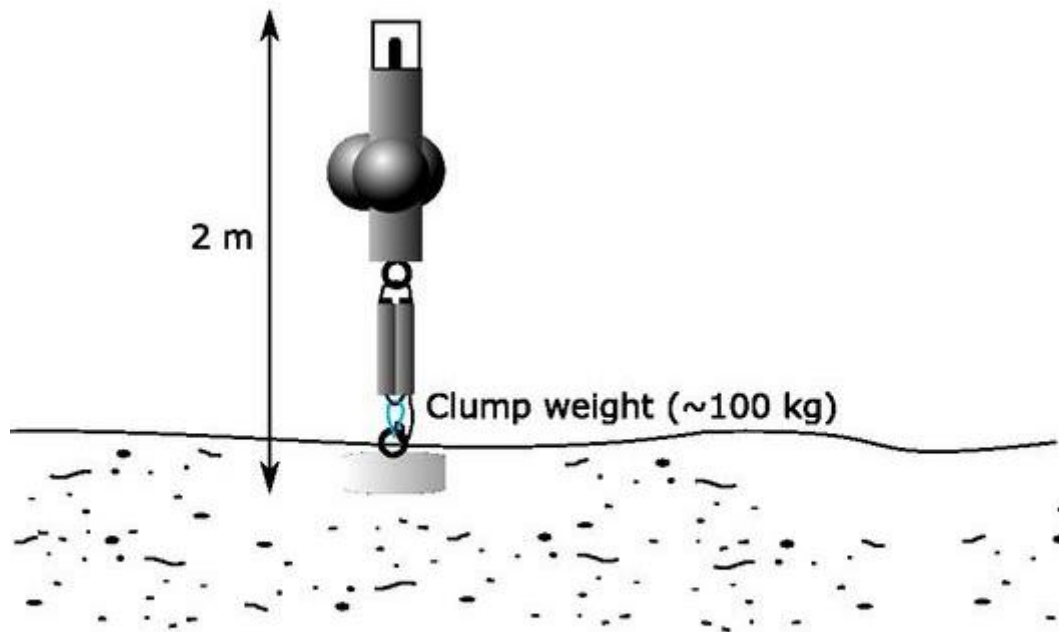
The construction of the Rampion 2 offshore wind farm is proposed to include impact piling for the installation of piled foundations, and there remains concern from SNCBs, regarding the noise produced during piling. In order to ensure an appropriate level of understanding, monitoring of background noise levels is proposed at a single location close to the Kingmere Marine Conservation Zone (MCZ) (Figure 1).

Overview

A fixed monitoring station including a heavy seabed mooring and hydrophone suspended in the water column will be deployed at the monitoring site displayed in Figure 1. The monitor will be fully calibrated and configured to record underwater noise levels continuously for a period of up to 20 weeks between circa 1st March and 31st July: this would

suitably capture the full range of minimum and maximum background noise over the period, across several full spring/neap tidal cycles and result in a comprehensive dataset for the black bream breeding season.

Please be advised that from the 8th March, Rampion Extension Development will be deploying underwater noise monitoring equipment at the location shown in Figure 1. The equipment will comprise a static hydrophone monitoring system with sub-surface riser and pick-up buoys. The total height of the single line deployment will be 2m above the sea floor as shown in the schematic below.



Schematic: Single line seabed mooring with acoustic release.

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This notification is intended for circulation to all interested parties undertaking or managing activities in the vicinity of the planned survey works. If you would like further details regarding the surveys please contact Maria Milititsky using the contact details at the head of this communication.

This Notice to Mariners is an initial notification of the intended schedule and utilisation of vessels to perform the abovementioned scope. It should be noted the actual schedule and project execution can be subject to change.

Survey Vessel

The monitoring equipment will be deployed and recovered from the vessel Seren Las.



General Information	
Name	Seren Las
Flag	United Kingdom
Call Sign	MDAH2
MMSI Number	235 087 047
Dimensions	
Length	10 m
Beam	3.5 m
Maximum Draught	1.5 m
Gross Tonnage	8 tons
Communication	
Vessel Skipper	Ashley Kirby +44 (0) 7773 031 577
Email:	ashley.kirby@ocean-ecology.com

Survey Locations

Table 2. Coordinates defining general survey area

Monitoring Station	Latitude (DMS)	Longitude (DMS)
1	50°42'19.05"N	000°25'06.86"W

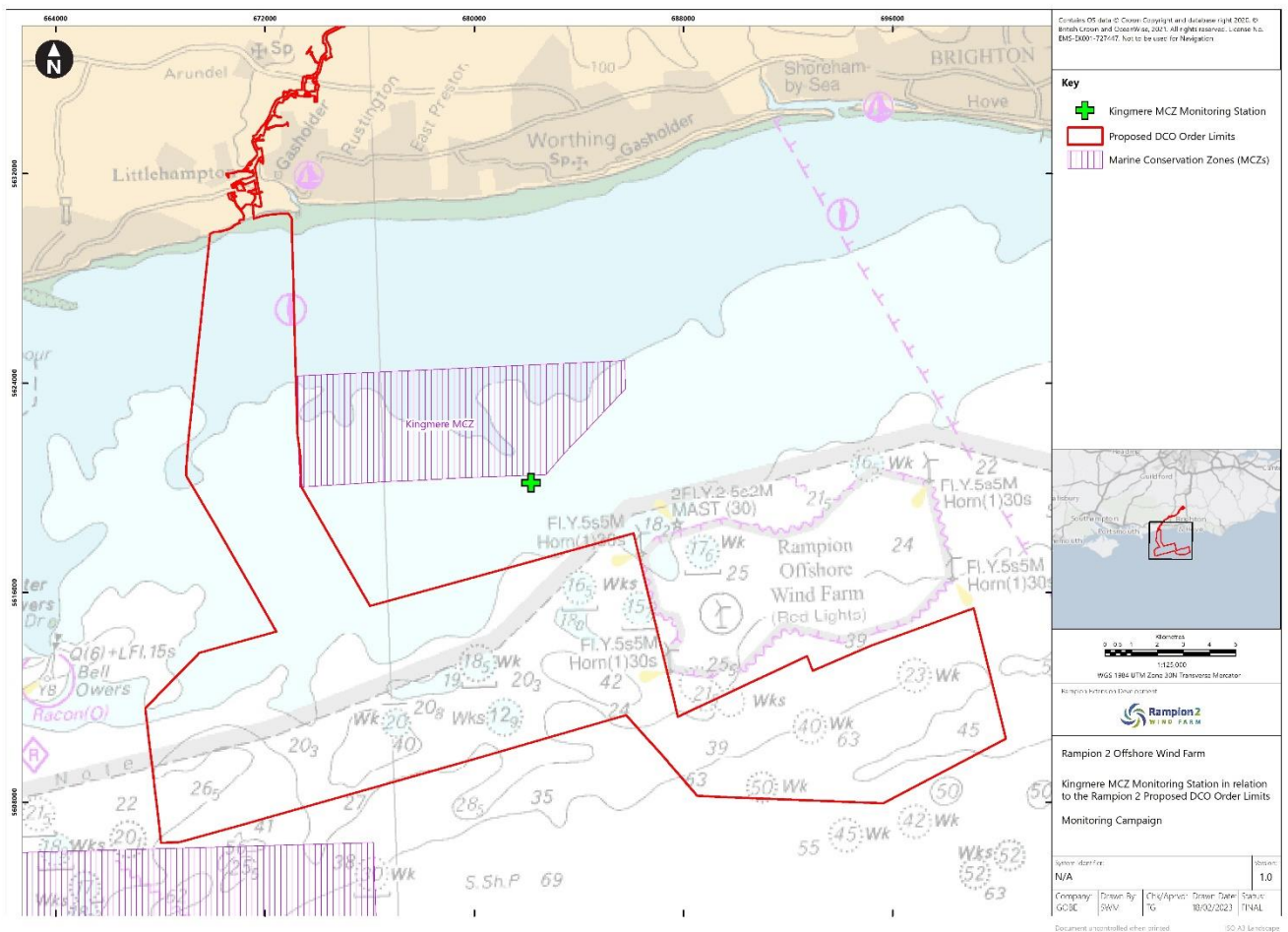


Figure 1. Location of the underwater noise monitoring station.