

# NOTICE TO MARINERS

Date of Issue: 6 November 2023  
 Benthic project ID: Broadshore



**Head Contractor:**  
 UTEC NCS Survey Limited  
 Acteon House, Peregrine Road  
 Westhill, Aberdeenshire  
 AB32 6JL, Scotland  
 Phone: +44 (0)1224 545301

**Client:**  
 Broadshore Offshore Wind Farm Limited  
 (c/a BlueFloat Energy and Renantis Partnership)  
 Contact: Michael Torsney  
 Designation: Survey Manager  
 Email: mtorsney@bluefloat.com  
 Tel: + 44 7551 636 082

**Main Contractor:**  
 Benthic Limited  
 1805 Brittmoore Rd  
 Houston, Texas, 77043, United States  
 Contact: Stephen Feeney  
 E-Mail: stephen.feeney@benthic.com  
 Designation: Project Manager

## REVISIONS

REV	MODIFICATION CAUSES	DATE
0	Draft for internal review	4 September 2023
1	Issued to client (first issue)	20 October 2023
2	Issued to client (second issue)	26 October 2023
3	Issued to client (third issue)	28 October 2023
4	Start date re-vised	6 November 2023

## NOTICE TO MARINERS

Please be advised that Benthic will be performing survey operations in the form of geotechnical soil investigation in the North Sea on behalf of a Renantis and Bluefloat Energy joint venture. Benthic will be aboard MV Ocean Zephyr.

The Ocean Zephyr will be working within the proposed Broadshore and the adjacent Sinclair and Scaraben Wind Farm development areas. The Ocean Zephyr is intended to be within the site between the periods **6 November to 31 January**. The Ocean Zephyr may not be within the development area the entire duration and may be transiting outside of the fields during this time.

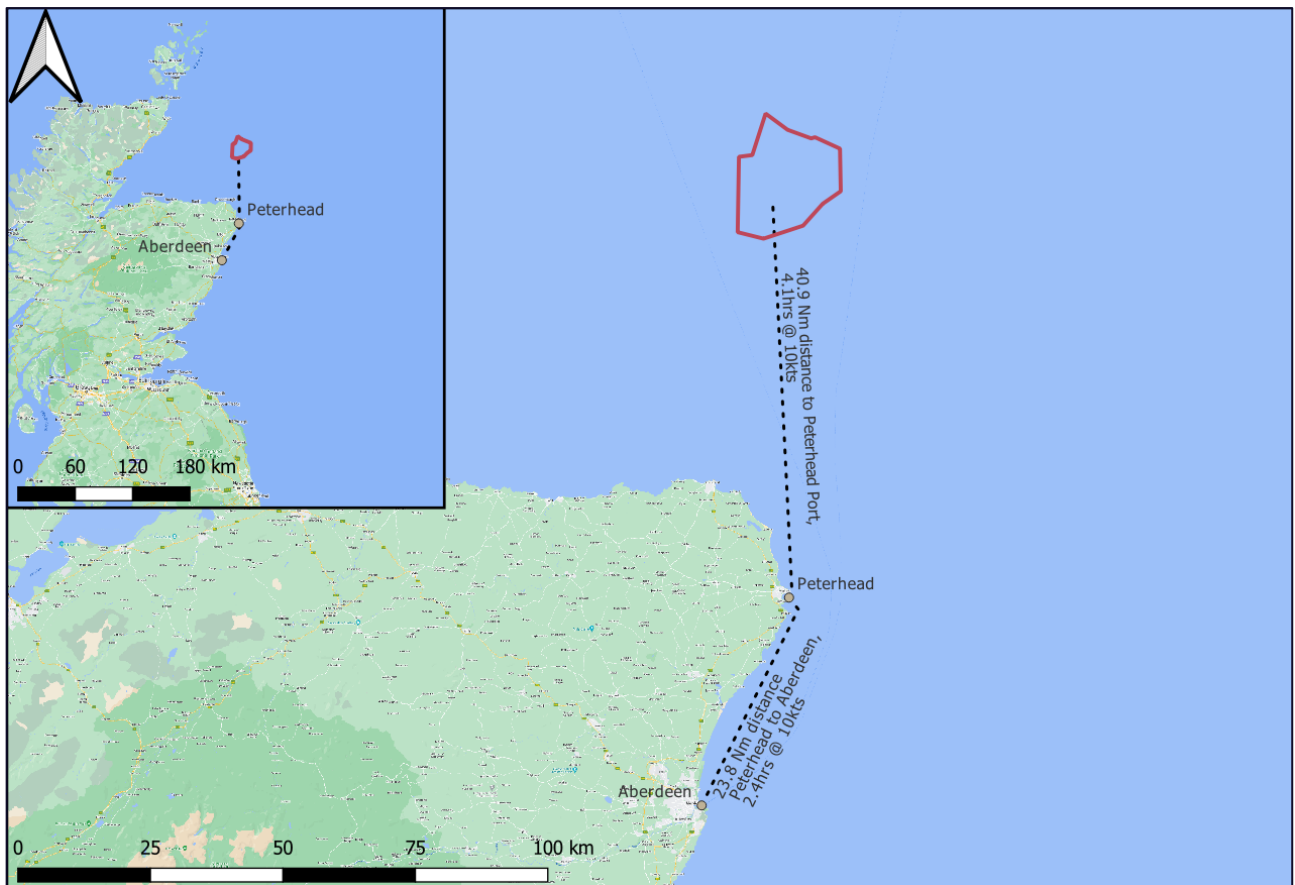
The Broadshore, Sinclair and Scaraben areas are located approximately 60Nm North of Aberdeen and 40Nm North of Peterhead, Scotland, shown as the orange area in Figure 1.

**ATTACHMENTS**

A specification sheet for the Ocean Zephyr is attached to this Notice to Mariners.

**SCOPE OF WORK AND VESSEL LIMITATIONS**

The scope of work involves acquiring insitu Cone Penetration Test data up to 60m below seafloor and collecting soil samples up to 60m below seafloor. While the vessel is collecting data the Ocean Zephyr will remain on DP2 and will effectively be anchored to the seafloor with a recovery time up to one hour if the vessel needs to be maneuvered in an emergency.



**Figure 1 Broadshore, Sinclair and Scaraben Site Location**

**EQUIPMENT**

The Ocean Zephyr will deploy a PROD, a remotely operated seafloor drill. From where the Ocean Zephyr is positioned on DP2, the PROD may be located up to 100m horizontal distance from the vessel. The PROD requires up to one hour to recover from the seafloor in emergencies. During normal operations, the PROD is expected to be on the seafloor for between 12hours and 60 hours. Operations are likely to continue in seastates up to H<sub>s</sub> 2.75m and wind speeds less than 30 knots.

### AREA

The location where work will be performed is indicated in Figure 1 above. The boundary coordinates for the Broadshore, Sinclair and Scaraben Offshore Wind Farm areas are in WGS-1984, UTM Zone 30N, and are listed below:

**Table 1 Geographical Survey Boundary Coordinates of Broadshore, Sinclair and Scaraben**

Point	Easting / Northing in meter		Lat / Long [DDM ]	
	X	Y	Latitude	Longitude
A	564137	6456434	58° 14.660' N	001° 54.447' W
B	563904	6442202	58° 06.994' N	001° 54.919' W
C	566663	6456761	58° 14.814' N	001° 51.861' W
D	569171	6464594	58° 19.011' N	001° 49.157' W
E	573322	6461530	58° 17.320' N	001° 44.966' W
F	577776	6459909	58° 16.401' N	001° 40.442' W
G	578480	6460128	58° 16.511' N	001° 39.718' W
H	583205	6457970	58° 15.297' N	001° 34.932' W
I	583353	6449938	58° 10.968' N	001° 34.953' W
J	579954	6447575	58° 09.732' N	001° 38.468' W
K	576246	6443436	58° 07.542' N	001° 42.330' W
L	568785	6440984	58° 06.294' N	001° 49.971' W

### VESSEL

Vessel Name	Ocean Zephyr
Flag	Danish
IMO No	9000625
Call Sign	OXCV2
Length	87.10m
Max Draught	6.20m
Dead weight	3618t
Operator	Proximity Management

Home Port	Esbjerg
Contact	External Watch VHF Channel 16
Email	bridge.oz@proxi-management.com
Bridge VSAT	+45 3222 4042
Bridge Iridium	+45 4412 9346

The vessel Ocean Zephyr is a DP II (Dynamically Positioned) vessel and for the majority of the period of works will have restricted ability to manoeuvre. We request that all vessels within the vicinity of the Ocean Zephyr always remain at least 500 m clear and pass at a reduced speed. The vessel Ocean Zephyr has AIS installed. A specification sheet for the vessel is included as an attachment to this document.

Please be aware that, during the survey activities, by virtue of its mode of operation the vessel will be Restricted in her Ability to Manoeuvre (RAM) as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3). Masters of vessels are therefore requested to maintain their vessels and gears at a minimum safe passing distance from the vessel of 500 metres when it is undertaking work and showing the appropriate shapes and lights in accordance with COLREGs Rule 27.

Fishermen who have static gears deployed beyond 12 nm are reminded that static gear must be marked in accordance with Commission Implementing Regulation (EU) No. 404/2011 (Marking of fishing gear, retrieval and notification of lost gear - GOV.UK ([www.gov.uk](http://www.gov.uk))).

### FURTHER INFORMATION

For further information, please contact:

#### For fisheries related matters:

Alex Winrow-Giffin – Brown and May Marine Ltd.

Email: alex@brownmay.com

Tel : +44 1379 872148 / +44 7760 160039

#### For other matters:

Michael Torsney

Survey Manager

Email mtorsney@bluefloat.com

Tel : + 44 7551 636 082

For and on behalf of Benthic Ltd.



Stephen Feeney