

**Flotation Energy
Offshore Surveys 2021**

Mariners are advised that survey vessel and equipment will be used in the offshore area in the Irish Sea, west of Blackpool, UK.

The offshore geophysical survey work will be carried out by MMT using survey vessels Northern Franklin.

Work will commence in the UK waters from 15th October until approximately 15th of November.

During this survey the vessel will be deploying underwater survey equipment at which such times, the survey vessel will be restricted in its ability to manoeuvre and approaching vessels are requested to pass at a safe speed and distance.

Mariners are advised to keep an aft safety clearance of the survey vessel no less than 500m.

The vessel will be towing 3 items of equipment and they will be approximately 150 m astern of the vessel. The vessel towing speed will be approximately 3.5-4.5 knots.

Project Description

Morecambe is a 480MW offshore wind farm, and is owned by Offshore Wind Ltd (OWL) a joint venture between Cobra Instalaciones Servicios, S.A., and Flotation Energy plc. This survey is the Phase-1 Geophysical Ground Investigation of the wind farm site

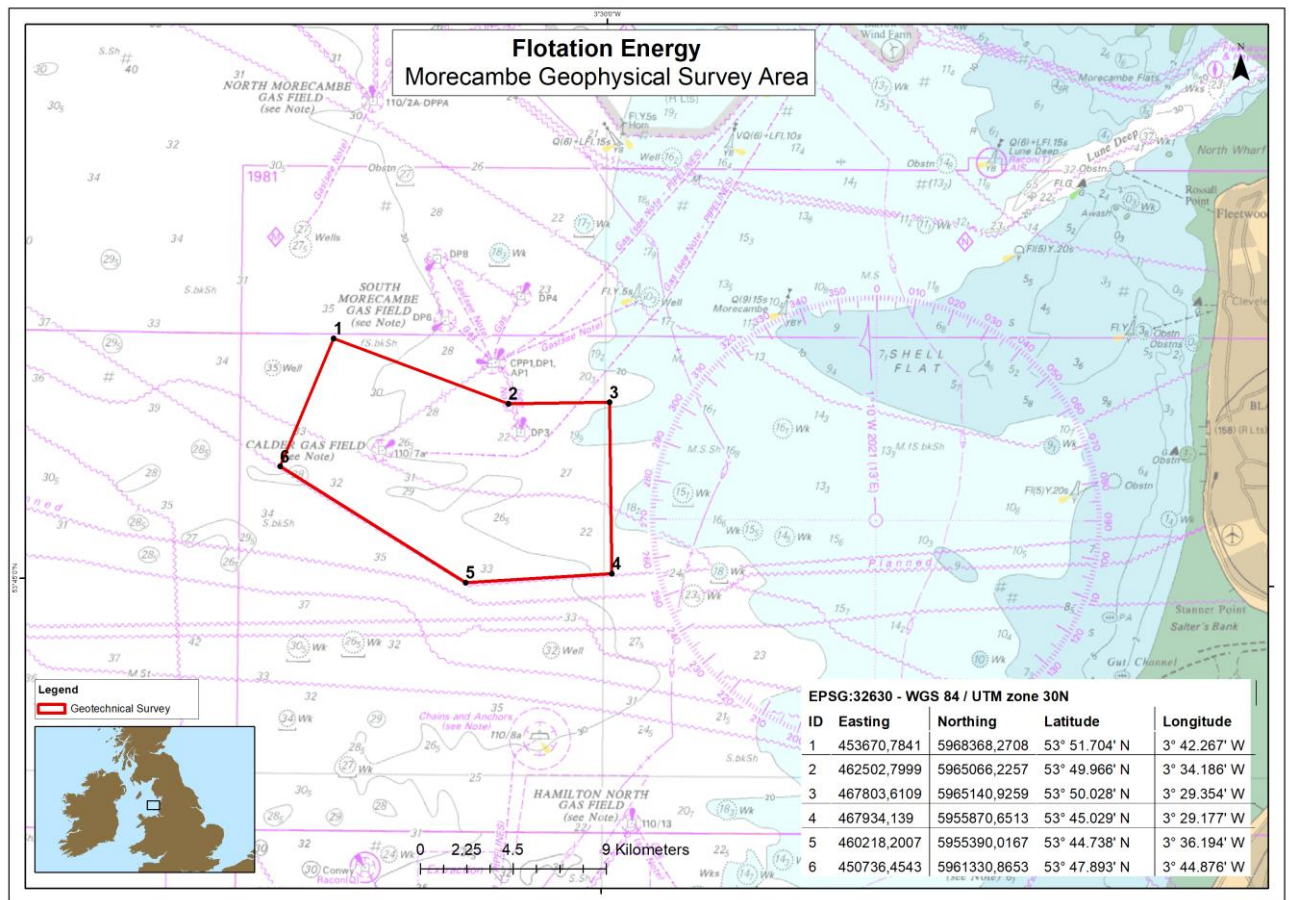


Figure 1 – Location and selected area to be surveyed.

Table of coordinates of area to be surveyed marked with the area boundary numbers given in Figure 1. Coordinates in WGS84 utm30

EPSG:32630 - WGS 84 / UTM zone 30N				
ID	Easting	Northing	Latitude	Longitude
1	453670,7841	5968368,2708	53° 51.704' N	3° 42.267' W
2	462502,7999	5965066,2257	53° 49.966' N	3° 34.186' W
3	467803,6109	5965140,9259	53° 50.028' N	3° 29.354' W
4	467934,139	5955870,6513	53° 45.029' N	3° 29.177' W
5	460218,2007	5955390,0167	53° 44.738' N	3° 36.194' W
6	450736,4543	5961330,8653	53° 47.893' N	3° 44.876' W

The geophysical survey work will be conducted with hull mounted Multibeam sonar and a sub-bottom profiler with towed sidescan sonar and TVG (dual magnetometer). Additional geo-sparker and PAM equipment will also be towed from the vessel.

The geophysical survey work in the area will be carried out by MMT using offshore survey vessel Northern Franklin.

An Offshore Fisheries Liaison Officer will be onboard during the works, contactable on VHF channel 16.



Vessel: Northern Franklin
Owner: Northern Survey
Call Sign: OZIH2
IMO: 8301797
VSAT: +46 31 31 00 301
Email: om-franklin@mmt.se
MMSI: 219028268

Contact Details:

Further enquiries should be addressed to the following people in the following order:

1. Karin Gunnesson (MMT Project Manager), T: +46 709 10 16 03, karin.gunnesson@mmt.se
2. Erik Uvebrant (MMT Operations), T: +46 733 45 14 31, erik.uvebrant@mmt.se

Onshore Fisheries Liaison is provided by Tom Watson and Sophie Farenden who can be contacted on:

1. Tom Waston (Onshore FLO), T: +44 07903 173 624, tomwatsonfleetwood@btinternet.com
2. Sophie Farenden (Fisheries Liaison), T: +44 07525 128 344, sophie.farenden@brownmay.com