An Roinn Iompair
Department of Transport

Marine Notice No. 63 of 2021

Notice to all Shipowners, Fishing Vessel Owners, Agents, Shipmasters, Skippers, Fishers, Yachtsmen and Seafarers

Mobility of Sediment Waves and Sand Banks in the Irish Sea
Phase 2 (MOVE 2) Leg 2 Survey – CV21034

1. Notice of activity

The Department of Transport has been advised that the MOVE 2 Leg 2 survey will be carried out from 4 December to 13 December 2021 in the South Irish Sea, by University College Cork and the Marine Institute. The survey is being carried out in support of ongoing research at the SFI Centre for Energy, Climate and Marine research and innovation (MaREI: https://www.marei.ie/) and the Irish Centre for Research in Applied Geosciences (iCRAG: https://www.icrag-centre.org/).

2. Overview and Location of the Survey Activity

The survey will involve the use of multibeam echosounders and sub bottom profilers at the sites indicated in Appendix 1. In order to characterise the lithological characteristics of the seabed, sediment grab samples will be taken at the locations indicated in Appendix 2 and within a 3 nautical mile range of the locations detailed in Appendix 2.

3. Details of Vessel

The survey will be carried out by the **R.V. Celtic Voyager** (callsign: **EIQN**). The vessel will display appropriate lights and signals. Work will be performed on a 24-hour schedule. Acoustic surveying using a multibeam echosounder, a sub bottom profiler and a sparker will be performed during both day and night operations in accordance with safe operating practices regarding MMO procedures and cognisant of fishing gear. Sediment sampling using grab and vibro-core equipment will be carried out during daylight hours due to limited ship mobility.

4. Additional Information

For further information, please contact:

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All mariners are reminded of their responsibilities under the International Collision Regulations and are reminded of Marine Notice No. 17 of 2007, which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.

The International Regulations for Prevention of Collisions at Sea (COLREGS) are implemented in Irish law by the *Merchant Shipping* (*Collision Regulations) (Ships and Water Craft on the Water) Order 2012* [S.I. No. 507 of 2012], and the *Signals of Distress (Ships) Rules 2012* [S.I. No.170 of 2012]. See Marine Notice No. 06 of 2013. These Statutory Instruments may be purchased by mail order from Government Publications, Office of Public Works, 52 St. Stephen's Green, Dublin 2. Tel: (01) 6476834/1890-213434. They are also available online at: www.irishstatutebook.ie.

Note: Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

Irish Maritime Administration,
Department of Transport,
Leeson Lane, Dublin 2, D02 TR60, Ireland.

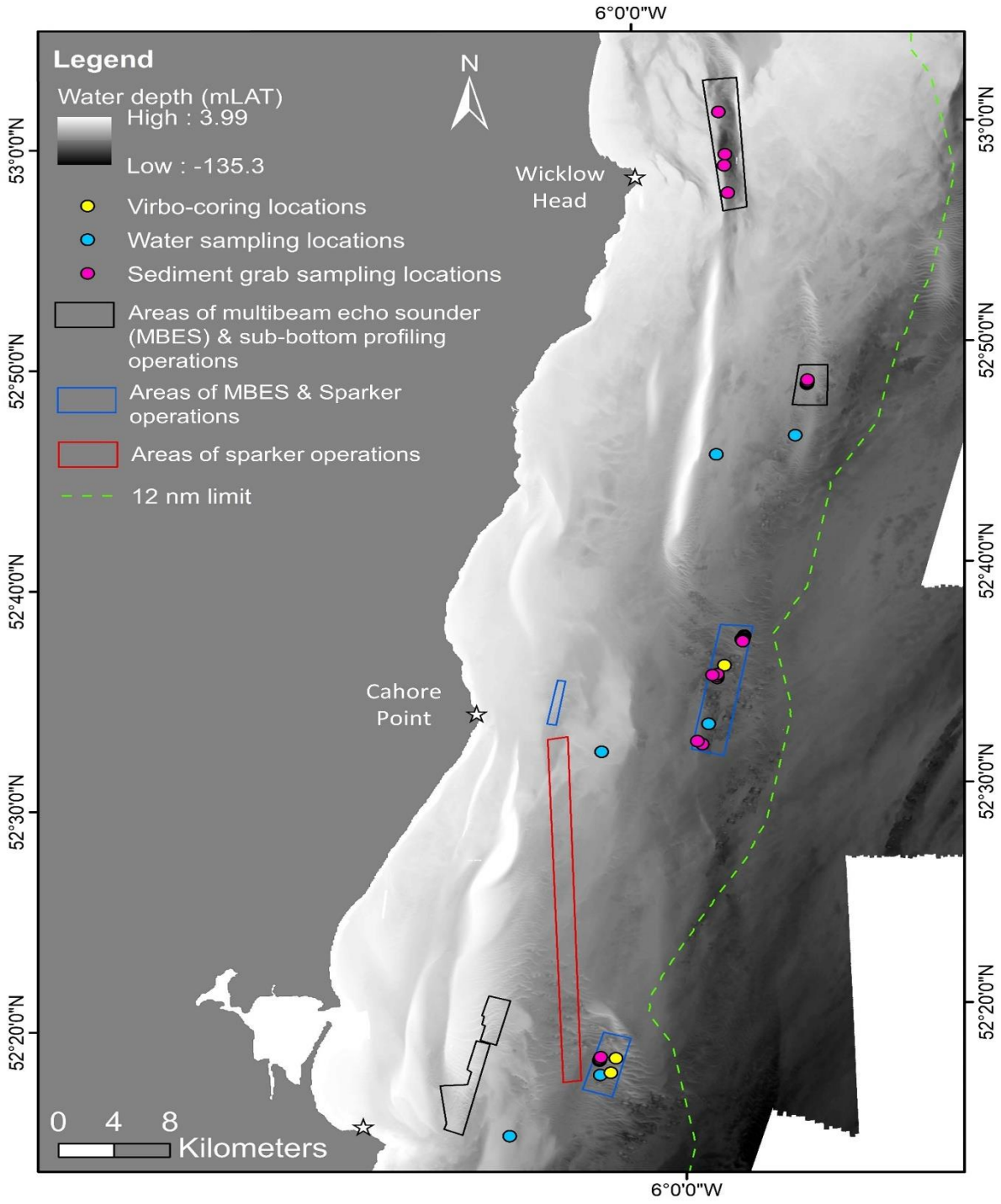
26/11/2021

Encl: Appendix 1. Map of proposed study sites and activities
Appendix 2. Sampling Locations

For any technical assistance in relation to this Marine Notice, please contact:
The Marine Survey Office, email: MSO@transport.gov.ie
For general enquiries, please contact the Maritime Safety Policy Division, email:
MaritimeSafetyPolicyDivision@transport.gov.ie
Written enquiries concerning Marine Notices should be addressed to:
Dept. of Transport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.
email: MarineNotices@transport.gov.ie or visit us at: www.gov.ie/transport

Appendix 1. Map of proposed study sites and activities

Map of proposed study sites and activities off the south-east coast of Ireland in the Irish Sea (Bathymetry source: https://www.infomar.ie/data)



Appendix 2. Sampling Locations

Table 1 Grab sample locations

ID	Latitude	Longitude
G1	52° 36' 58.94975" N	005° 54' 41.57674" W
G2	52° 36' 55.99739" N	005° 54' 43.33281" W
G3	52° 36' 51.58775" N	005° 54' 45.05069" W
G4	52° 36' 48.28968" N	005° 54' 46.69021" W
G5	52° 36' 44.31121" N	005° 54' 48.51828" W
G6	52° 35' 6.77792" N	005° 56' 33.1598" W
G7	52° 35' 11.75129" N	005° 56' 32.02578" W
G8	52° 35' 16.8702" N	005° 56' 31.2191" W
G9	52° 35' 14.95158" N	005° 56' 49.80561" W
G10	52° 32' 8.268" N	005° 57' 41.39722" W
G11	52° 32' 16.88651" N	005° 58' 0.11873" W
G12	52° 17' 56.93777" N	006° 5' 9.72375" W
G13	52° 18' 0.09756" N	006° 5' 7.59491" W
G14	52° 18' 1.7865" N	006° 5' 6.61062" W
G15	52° 18' 6.3274" N	006° 5' 4.04155" W
G16	52° 48' 17.55148" N	005° 49' 53.65963" W
G17	52° 48' 21.04049" N	005° 49' 51.99219" W
G18	52° 48' 23.91656" N	005° 49' 51.42948" W
G19	52° 48' 29.13437" N	005° 49' 50.34289" W
G20	53° 0' 46.18458" N	005° 54' 39.99478" W
G21	52° 58' 50.21868" N	005° 54' 22.84231" W
G22	52° 58' 20.20235" N	005° 54' 28.05284" W
G23	52° 57' 5.39338" N	005° 54' 18.86046" W

Table 2 Vibro-core sample locations

ID	Latitude	Longitude
VC1	52° 17' 23.08967" N	006° 4' 28.17737" W
VC2	52° 18' 2.07454" N	006° 4' 6.67728" W
VC3	52° 36' 49.26164" N	005° 54' 51.89787" W
VC4	52° 35' 40.4232" N	005° 56' 2.89333" W
VC5	52° 36' 52.59121" N	005° 54' 48.79224" W

Table 3 Water sample locations

ID	Latitude	Longitude
W1	52° 31' 56.82" N	006° 4' 5.34" W
W2	52° 33' 2.808" N	005° 57' 13.644" W
W3	52° 14' 39.804" N	006° 11' 1.176" W
W4	52° 17' 17.772" N	006° 5' 8.592" W
W5	52° 45' 14.94" N	005° 55' 53.796" W
W6	52° 45' 59.184" N	005° 50' 48.444" W