



Marine Notice No. 24 of 2020

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

Replaces Marine Notice No. 16 of 2019

Recovery and Re-deployment of 2 scientific deep-sea moorings at Goban Spur, off the southwestern Irish shelf

Further to Marine Notice No. 16 of 2019, the Department of Transport, Tourism and Sport has been advised that the German *University of Bremen* and the German *Federal Maritime and Hydrographic Agency* (BSH) intend to carry out the recovery and redeployment of two scientific deep-sea moorings (called EB-1 and EB-3) at Goban Spur off the south-western Irish shelf.

The activity is scheduled to begin on approximately 29th June 2020 and end on approximately 4th July 2020. All deep-sea moorings will stay in the water for a period of around 13-14 months (June 2020 to July/August 2021).

The location of the deep-sea moorings is as follows (see also Appendix 1):

Station number	Latitude	Longitude	Water depth	Comments
EB-1	49° 00.03' N	12° 37.08' W	1530 m	Shallowest element is located at a water depth of about 700 m
EB-3	48° 49.98' N	13° 25.98' W	4453 m	Shallowest element is located at a water depth of about 450 m

Both deep-sea moorings are free-falling to the bottom and are anchored by ~1000 kg bottom weights. Scientific instruments are attached at different depths to ropes and chains. Sub-surface floatation bodies will keep the moorings upright.

The vessel involved is German Research Vessel: '**Meteor**,' (Callsign: **DBBH**). The name of the scientific cruise is: *M164 (GPF-19-1-105)*.

As this is sensitive scientific equipment, it is kindly requested that fishermen and marine operators engaged in such activities as bottom trawling or laying of static gear avoid the locations concerned to avoid damaging the equipment or damaging fishing gear.

None of the moorings has a surface element or surface buoy. The shallowest elements are located at depths of 700 m (mooring EB-1) and 450 m (mooring EB-3). Top elements and floatation bodies have orange colours. The top elements of both moorings carry radio and Iridium beacons that only signal once the top element is at the surface.

Contact information:

Owner of moorings (EB-1 and EB-3) that are to be redeployed: Dr. Kerstin Jochumsen Federal Maritime and Hydrographic Agency Bernhard-Nocht-Str. 78 D-20359 Hamburg Germany Email: kerstin.jochumsen@bsh.de operational-oceanography@bsh.de Tel: +49-40-3190-3200 Fax: +49-40-3190-5000	Chief scientist of recovery/redeployment cruise (Cruise M164 (GPF-19-1-105), RV Meteor): Dr. Dagmar Kieke University of Bremen Institute of Environmental Physics (IUP) Dep. of Oceanography Otto-Hahn-Allee 1 D-28359 Bremen Germany Email: dkieke@physik.uni-bremen.de Tel: +49-421-218-62154 Fax: +49-421-218-62165
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Note: Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

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23/06/2020

For any technical assistance in relation to this Marine Notice, please contact:
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Written enquiries concerning Marine Notices should be addressed to:
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Appendix 1: The location of the deep-sea moorings

