


Notice to Mariners

Offshore Operations at Billia Croo Test Site

Organisation Submitting Information		Marine Operator: Green Marine(UK) Ltd
Contact Details		Office: 01856 851 966
Notes		
All positions to be quoted in World Geodetic System 1984 [WGS84], lat. / long., in deg./ minutes. & 3 decimal places of minutes.		
Marine Operations		
Device Recovery from seabed to take place at Berth 4 EMEC Wave Test Site Billia Croo.		
Proposed Schedule of Operations		
Operational Window	Scope of Work	Vessels on Site
09.07.20 - 23.07.20	Green Isle to install 4-point mooring spread at EMEC Billia Croo Wave Test Site	Green Isle
	GM700 Gantry Barge towed to the EMEC Billia Croo Wave Test Site, Berth 4 GM700 moored barge operations including ROV, dive & drone operations GM700 towed back to Stromness harbour with load semi-submerged at waterline with restricted manoeuvrability	Green Isle GM700 Lodesman Athenia
	Green Isle recovers 4-point mooring spread from EMEC Billia Croo Wave Test Site	Green Isle
Green Marine(UK) Ltd moorings will be onsite for the duration of operations. GM700 expected to be onsite up to a 24hr period only.		
Location		
Berth 4, Billia Croo, EMEC Wave Test Site		
Vessels Operating on Site		
 <p style="text-align: center;">GREEN ISLE</p>		 <p style="text-align: center;">GM700</p>
 <p style="text-align: center;">LODESMAN</p>		 <p style="text-align: center;">ATHENIA</p>

Positions of maximum extent of projected works

Due to the nature of these operations, the GM700 will hold position on a 4-point mooring spread. Vessels are requested to maintain a safe distance of 500m from the anchor coordinates stated below.

ID	Anchor	Lat/Long	Easting	Northing
North East Mooring	Anchor 1	58° 58.195'N, 3° 22.658'W	478285	6536763
South East Mooring	Anchor 2	58° 58.125'N, 3° 22.618'W	478323	6536634
South West Mooring	Anchor 3	58° 58.088'N, 3° 22.861'W	478090	6536566
North West Mooring	Anchor 4	58° 58.157'N, 3° 22.901'W	478052	6536694

Drone operations will be ongoing throughout the scope of work and unless authorised, all drones to remain 1000m from the positions provided above.

Details of lights, buoys and other navigational aids

Yellow marker buoys (Fl.Y.4S) will be attached and have a moving radius of 51m from the above positions.

Buoys will remain surface orientated – but may temporarily submerge in tidal flow.

Following completion of operations, a marker buoy will be installed within the mooring limits and will be in place until further notice is given.

Proposed routes of vessels involved in installation (from port to site)

From Stromness harbour entering EMEC's Billia Croo test site from the South.

GM700 towed back to Stromness harbour with load semi-submerged at waterline with restricted manoeuvrability.

Orkney VTS will be informed of all operations and movements.

Instructions to Vessels

Vessels involved will be keeping continuous listening watch on Channel 16 and 10 and will display appropriate lights and marks as required by the International Rules for Preventing Collisions at Sea.

Mariners are requested to give the works a wide berth.

Name:	Chris Purnell	Signature:	CP	Date:	04.07.2020
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