



**Notice to Mariners**  
**Maritime Safety Information**

**Client Name/contact details:**

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**Details of Hazard:**

An ROV survey conducted at Berth 5, EMEC Test Site, Billia Croo of the Wello Oy Penguin in December 2019 has shown that the shackle pin attached to the 10t subsurface buoy on leg number one of the mooring arrangement is not properly secured to the holding down chain, the shackle pin is not engaged fully into the shackle. The buoy was therefore found in a potentially unstable condition. Should the buoy come free of the attachment it becomes a potential danger to any vessels working on the site, or other shipping. Vessels should stay clear of the area in case of the pin releasing.

**Positions:**

Description	Position (Lat and Long)
WEC 1 (Penguin)	58 59.569' N 003 24.537' W
Touch down point Leg 1	58 59.755' N 003 24.622' W
10t subsurface buoy 1 (B1-L)	58 59.617' N 003 24.592' W
10t subsurface buoy 1 (B1-U)	58 59.610' N 003 24.612' W
Mooring attachment point 1	58 59.575' N 003 24.531' W
Berth 5	58 59.522 N 003 24.563' W

**Details of lights, buoys and other navigational aids:**

The EMEC Test Site, Billia Croo is protected by a Cardinal Mark system. The area which is recommended to be avoided is between the following positions:

Description	Position (Lat and Long)
North Cardinal Buoy	59 00.000' N 003 24.330' W
East Cardinal Buoy	58 58.386' N 003 22.399' W
South Cardinal Buoy	58 57.431' N 003 23.028' W
West Cardinal Buoy (1)	58 58.529' N 003 24.638' W
West Cardinal Buoy (2)	58 59.500' N 003 25.330' W

**Instructions to vessels:**

Vessels should maintain a continual listening watch on channels 11 and 16. Mariners are requested to give the area a wide berth.

Name and Signature  
Alexandra Thomson

Date  
30/01/2020