

NOTICE TO MARINERS

Issue date: 04/05/2020

1. Boulder Clearance Operations.

Please be advised that Moray Offshore Windfarm (East) Limited (Moray East) are planning to commence boulder clearance operations in preparation for forthcoming cable lay and trenching work scopes on the Inter Array Cable (IAC) routes circa 10th of May 2020 until further notice.

The work will comprise boulder clearance operations using the OISL RP15 boulder clearance system (Figure 2) towed from the AHTS Havila Venus to create a 20m wide lay corridor in areas where boulder accumulations exist on the seabed followed by pre and post lay surveys conducted by the ROV.

Figure 1. Boulder Clearance Area

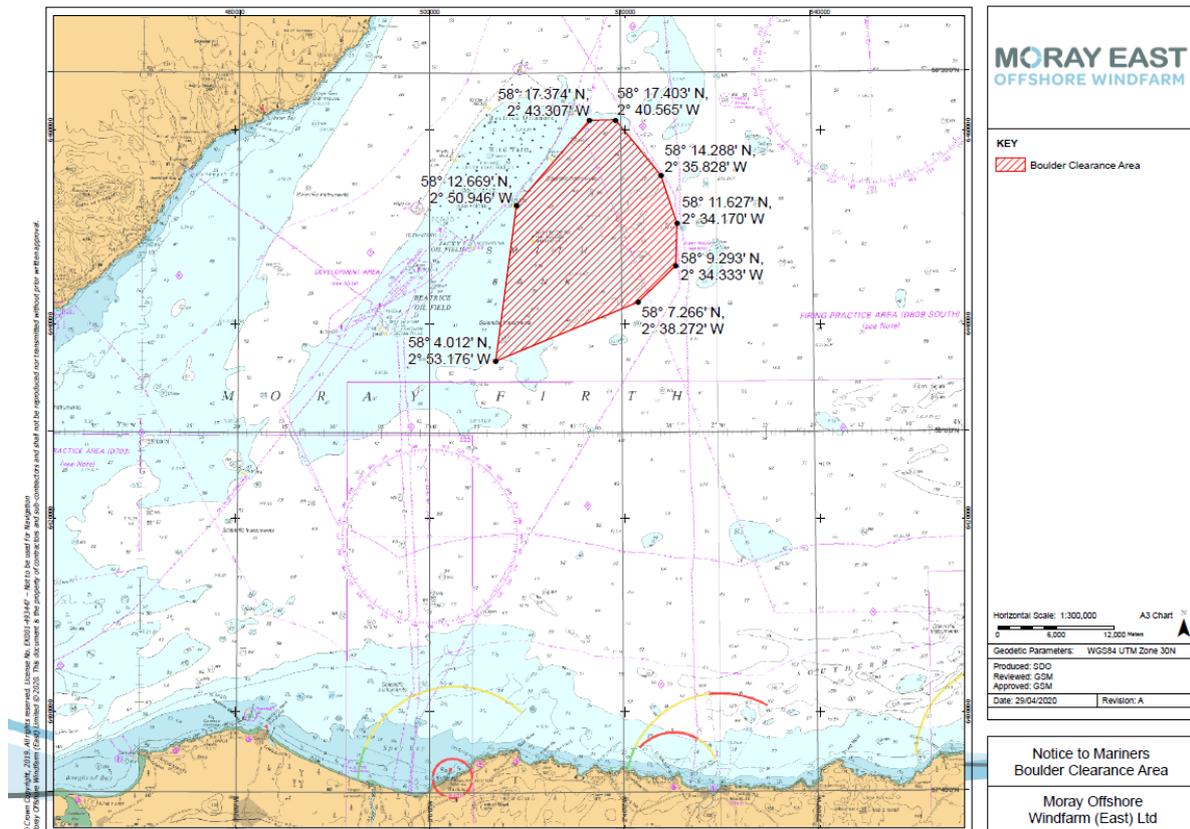


Figure 2. Description of Plough

The 15m Route Preparation Plough is designed to clear debris or obstructions such as boulders from the proposed route corridor in order to allow cable lay and burial operations to proceed with minimal risk.

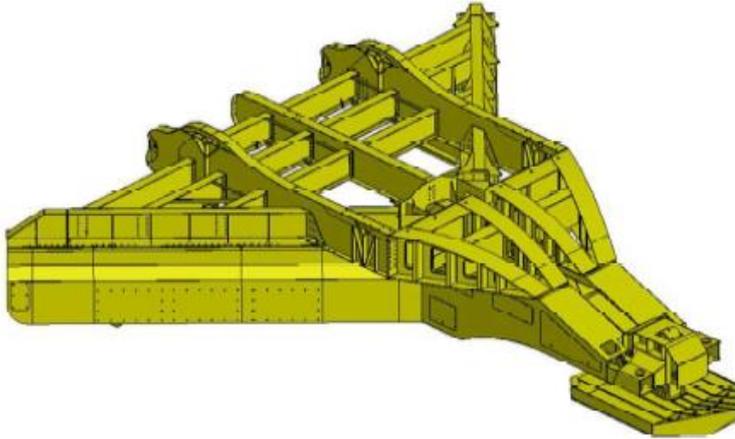


Figure 8: 15m Route Preparation Plough

Item	Value
Width	15.8m
Length	16.1m
Height	3.8m
Mass in air	85,000kg
Submerged Mass	74,000kg

2. Boulder clearance vessel

Havila Venus	
General Description and Dimensions:	LOA: 92 m, Beam: 22 m, Draught: 7.1 m
Call Sign:	LAZC
MMSI:	259305000
On Board Contact:	Mob: +47 23675864
Offshore Manager / Party Chief:	Vessel Master
E-mail:	Bridge.venus@havilaship.com
Onshore Representative:	Neil Crawford



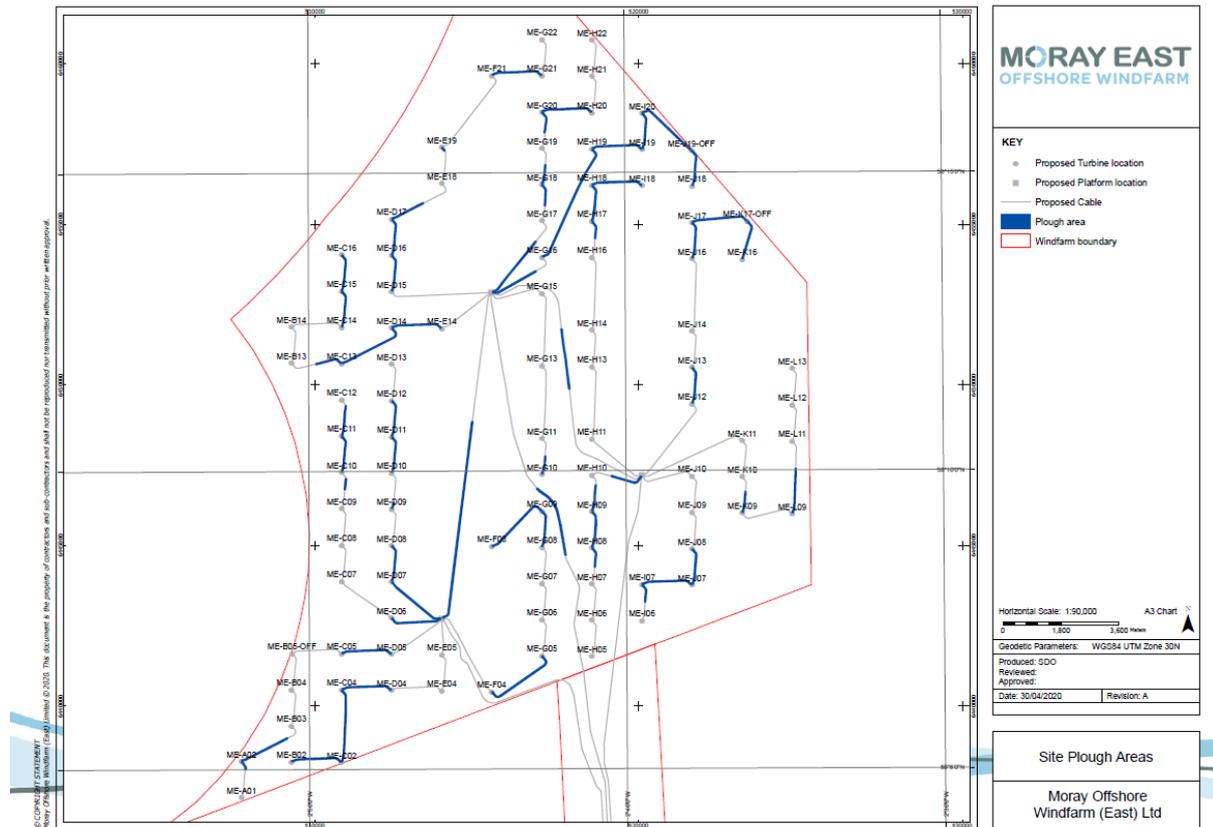
3. General Safety Advice

Please be aware that by virtue of its mode of operation the Havila Venus will be Restricted in her Ability to Manoeuvre (RAM) as defined under COLREGs (International Regulations for Preventing Collisions at Sea 1972, Rule 3). Masters of vessels are therefore requested to maintain their vessels and gears at a minimum safe distance from the vessel of **500 metres** when it is undertaking work and showing the appropriate shapes and lights in accordance with COLREGs Rule 18.

Further updates and Weekly notice of operations can be accessed in the Moray East Website

<http://www.morayoffshore.com/moray-east/the-project/notices-to-mariners/>

Figure 3. Site Plough areas on the IAC routes.



4. Contact details

CONTACT DETAILS	
<p>Marine Coordination Centre 24/7 Gary Smales – Lead Marine Coordinator Email: garysmales.morayeast@morayeast.com Tel : +44 7918750025/01346 511838</p>	<p>For fisheries related matters Alex Winrow-Giffin – Brown and May Marine Ltd. Email: alex@brownmay.com Tel : +44 1379 872148 / +44 7760 160039</p>