

Notice to Mariners Geotechnical Site Investigations Holderness Coast

23 March 2020

Our ref. 06063266_A

1. INTRODUCTION

Mariners are advised that Hornsea Project Four Ltd. (hereafter Hornsea Four) will be carrying out offshore geotechnical site investigation works from 29 April 2020 (weather dependent) for the proposed Hornsea Project Four Offshore Wind Farm located within the UK Sector of the North Sea, off the coast of East Yorkshire, as shown in the figures attached within this notice.

2. AREA OF OPERATIONS

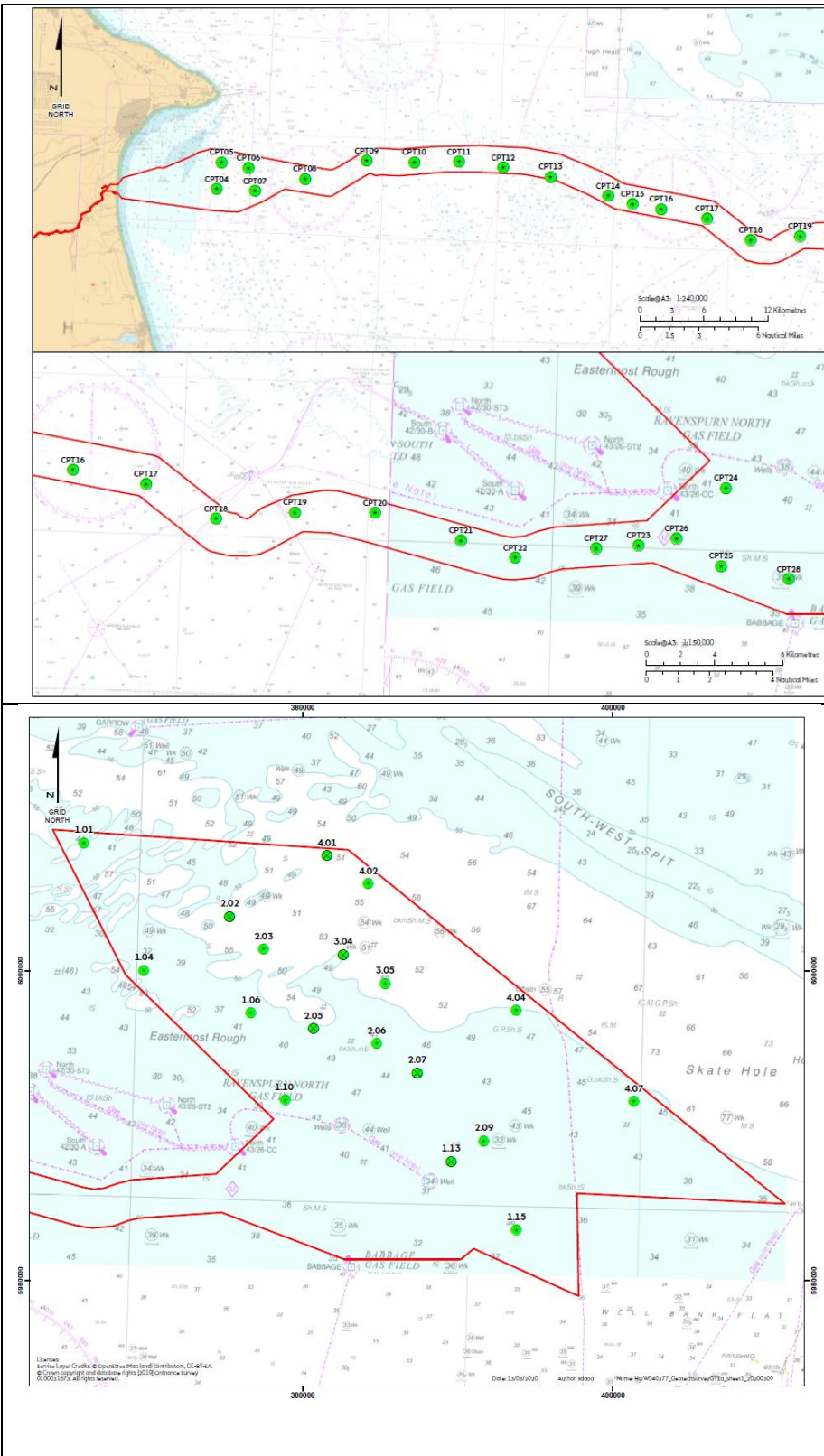
The planned geotechnical investigations will include a combination of borehole locations, CPT testing and Vibrocore sampling to depths up to 45m below the seabed level. Activities will centre on Hornsea Four's proposed offshore array area and export cable corridor, depicted by the red line boundary in the figures overleaf.

Mariners are advised that MaxSea and Olex plotter files of the proposed investigation locations can be provided by Brown and May Marine Limited and Hornsea Four's Onshore Fisheries Industry Representative. Contact details are provided in Section 5 of this Notice.

The geotechnical investigation vessel will be deployed to survey locations within the project area at times and positions determined by client requirements, weather and sea conditions. The vessel will likely operate out of Hull.

The extent of the project area in which the investigations will be conducted is shown in the map overleaf.

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ID	Latitude (DD.dd)	Longitude (DD.dd)
ECR_CPT04	54.0350352882N	0.0720517977043W
ECR_CPT05	54.0575519491N	0.0665188576747W
ECR_CPT06	54.054007862N	0.027326541677W
ECR_CPT07	54.0347769339N	0.0165772698305W
ECR_CPT08	54.0467317529N	0.0542700609578E
ECR_CPT09	54.0641200673N	0.141311561315E
ECR_CPT10	54.0643442608N	0.210111898621E
ECR_CPT11	54.0663782119N	0.274217661754E
ECR_CPT12	54.0628211113N	0.338060213484E
ECR_CPT13	54.0565210445N	0.406387573708E
ECR_CPT14	54.0424933706N	0.48992782342E
ECR_CPT15	54.0362127885N	0.525640586118E
ECR_CPT16	54.0323981691N	0.566919579947E
ECR_CPT17	54.0261556732N	0.632974772071E
ECR_CPT18	54.0084266443N	0.698330305827E
ECR_CPT19	54.013723913N	0.767326804329E
ECR_CPT20	54.0147479885N	0.839092486731E
ECR_CPT21	54.0015262105N	0.916929762168E
ECR_CPT22	53.9931875916N	0.965967307441E
ECR_CPT23	54.0017238146N	1.07632182059E
ECR_CPT24	54.0331634465N	1.15342747246E
ECR_CPT25	53.9917916463N	1.1507576768E
ECR_CPT26	54.0057186151N	1.110245766E
ECR_CPT27	53.9994914455N	1.03837673724E
ECR_CPT28	53.9859132604N	1.21176037901E
1.01	54.2048192704N	0.943450872119E
1.04	54.1318759391N	1.00612708738E
1.06	54.1088700091N	1.11309013884E
1.10	54.0588029404N	1.14930812611E
1.13	54.0256912886N	1.3140514783E
1.15	53.9867608767N	1.37993416367E
2.02	54.1644615465N	1.08950541284E
2.03	54.145957319N	1.12394208811E
2.05	54.1008643399N	1.17509106203E
2.06	54.0930360578N	1.2378842588E
2.07	54.0765931458N	1.27871009023E
2.09	54.0380918516N	1.34587406452E
3.04	54.1439737192N	1.2025827396E
3.05	54.1278672957N	1.24481679922E
4.01	54.2013688444N	1.18425923321E
4.02	54.1855812892N	1.22565363419E
4.04	54.1142193793N	1.37455909371E
4.07	54.0628901667N	1.49287927774E

3. SURVEY

3.1 Geotechnical Investigation Survey

Please be advised that Hornsea Four will be carrying out a geotechnical site investigation survey with the vessel Omalius. A local scout/pilot vessel (Moremma) will also be contracted to reduce any potential interactions with static fishing gear markers.

The operations are planned to commence on or around 29 April 2020 and last approximately 5 weeks. The exact survey dates are dependent on weather and work progress, but the forecasted completion date as of the publication date of this notice is mid-June 2020.

The geotechnical vessel will be deploying seabed drilling and testing equipment. This will require them to be in DP and remain stationary for periods of up to 72 hours at a time and will restrict their ability to manoeuvre. It is requested that all vessels operating within the area observe a 500m exclusion zone which will be operated around the geotechnical vessel and pass at minimum speed to reduce vessel wash.

Geotechnical operations will be conducted on a 24-hour basis. Throughout survey operations the vessel will be displaying the shapes and lights prescribed in the International Rules for the Prevention of Collisions at Sea (COLREGS) Rule 27, to indicate that the survey vessel is restricted in its ability to manoeuvre.

3.2 Safety

Furthermore, it is requested that anybody having knowledge of any potential objects submerged or moored on the seabed, within the survey area, that could be damaged or form a hazard to the geotechnical vessel and its equipment advises the Hornsea Four Onshore Fisheries Industry Representative of their position and nature.

When surveys commence, a listening watch will be maintained on VHF Channel 12 and 16 when within the appropriate port authority area and will actively transmit an AIS signal. The survey vessels will also broadcast at regular daily intervals, vessel position, operational information and intentions.

4. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Hornsea Four's requirements. A further notice will be issued once survey operations are completed.

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to:

Geotechnical Investigations:		
Project Manager (Hornsea Four)	Trier Pedersen	
	Mob: +45 9955 8742	Email: NTPED@orsted.dk

5. FISHERIES LIAISON

Fisheries liaison for this survey is provided by Onshore Fisheries Industry Representative Nick Garside of NFFO Services who can be contacted on:

Email: nick.garside@live.co.uk	Mob: +44 (0) 7538 827 013
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An Offshore Fisheries Liaison Officer will be on-board the survey vessel during the works.


In the event the Onshore Fisheries Industry Representative is not contactable, please direct fisheries enquiries related to the survey works to Sophie Farenden of Brown & May Marine Limited or the Hornsea Four Site Investigation Manager:

Sophie Farenden (Brown & May Marine Limited)	Mob: +44 (0) 7525 128 344	Email: Sophie.farenden@brownmay.com
Trier Pedersen (Hornsea Four Site Investigation Manager)	Mob: +45 9955 8742	Email: NTPED@orsted.dk

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6. SURVEY VESSELS

Survey operations will be conducted by the survey vessel Omalius whose details are provided below. Contact can be made directly with the vessels using the contact details provided.

General Information	
Name	Omalius
Flag	Belgium
	
Dimensions	
Length	83.5m
Breadth	18m
Draught	5.5m

Vessel Contact Details	
Vessel Call Sign	ORRS
MMSI	205682000
Vessel telephone (VSAT)	+49 421 517 219 1123
Vessel email (bridge)	Omalius@ships.eco-shipping.eu
Party Chief (GSM)	+32 485 75 93 30
Party Chief email	PC.Omalius@g-tec.eu

Yours sincerely

hornseaprojectfour@orsted.co.uk