



NOTICE TO MARINERS HORNSEA PROJECT TWO OFFSHORE WIND FARM PLANNED GEOPHYSICAL INVESTIGATIONS

Hornsea Project Two – Notice to Mariners September 2017. Issued 21/09/2017 – Update 1

1. INTRODUCTION

Mariners are advised that Hornsea Project Two will be carrying out geophysical investigations in September for the proposed Hornsea Project Two Offshore Wind Farm located within the UK Sector of the North Sea off the coast of East Yorkshire as shown on the attached charts.

The planned survey will investigate six approximately 100m x 100m size areas within the Proposed Site Boundary shown in section 6.

2. AREA OF OPERATIONS

Activities will centre on the Hornsea Project Two array area. The following points define the extent of the project area in which surveys will be conducted.

Point ID	WGS84 UTM31N (Deg, Min, Secs)		Point ID	WGS84 UTM31N (Deg, Min, Secs)	
	Latitude	Longitude		Latitude	Longitude
Area 1					
1	53° 53' 39.632" N	1° 31' 20.340" E	3	53° 53' 36.466" N	1° 31' 25.933" E
2	53° 53' 39.701" N	1° 31' 25.817" E	4	53° 53' 36.397" N	1° 31' 20.456" E
Area 2					
1	53° 55' 17.677" N	1° 35' 26.742" E	3	53° 55' 14.508" N	1° 35' 32.333" E
2	53° 55' 17.743" N	1° 35' 32.222" E	4	53° 55' 14.442" N	1° 35' 26.853" E
Area 3					
1	53° 59' 47.586" N	1° 48' 40.443" E	3	53° 59' 44.407" N	1° 48' 46.029" E
2	53° 59' 47.642" N	1° 48' 45.934" E	4	53° 59' 44.351" N	1° 48' 40.538" E
Area 4					
1	53° 58' 41.685" N	2° 2' 47.003" E	3	53° 58' 38.494" N	2° 2' 52.568" E
2	53° 58' 41.729" N	2° 2' 52.492" E	4	53° 58' 38.449" N	2° 2' 47.079" E
Area 5					
1	53° 58' 33.364" N	1° 29' 47.577" E	3	53° 58' 30.199" N	1° 29' 53.183" E

2	53° 58' 33.434" N	1° 29' 53.064" E	4	53° 58' 30.129" N	1° 29' 47.695" E
Area 6					
1	53° 52' 55.519" N	1° 37' 45.186" E	3	53° 52' 52.348" N	1° 37' 50.770" E
2	53° 52' 55.583" N	1° 37' 50.662" E	4	53° 52' 52.284" N	1° 37' 45.294" E

The survey vessel will be deployed to survey locations within the windfarm area at times and positions determined by client requirements, weather and sea conditions.

3. SURVEY

3.1 Geophysical Investigations

Please be advised that DONG Energy will be carrying out geophysical investigations with the vessel MV Icebeam for the Hornsea Project Two Wind Farm.

The operations are planned for the end of the week commencing Monday **25th September 2017**, duration approx.. 3 days offshore. 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 the end of September 2017.

The vessel will deploy a small airgun (circa <10 - 40 cubic inches) placed on a sledge and a multichannel streamer up to approximately 48m long. Both will be towed on the seabed. It will be requested that all vessels operating within the area keep a safe distance (500m) and pass at minimum speed.

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 survey vessel and its equipment advises the Projects Fishing Industry Liaison 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 Project Two 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:

Geophysical Investigations		
Project Manager (DONG Energy)	Klaus Mortensen	
Tel: +45 9955 7641	Mob: +45 9955 7641	E-mail: klamo@dongenergy.dk
Vessel Manager (MMT)	Roy Lahte	
Tel: + 46 31 7620300	Mob: + 46 733 451421	E-mail: roy.lahte@mmt.se

5. FISHERIES LIAISON

Project Two Onshore Fisheries Liaison is provided for by Nick Garside who can be contacted on:

Mob: +44 (0) 7538 827 013

Email: nick.garside@live.co.uk

5.1 Offshore Fisheries Liaison

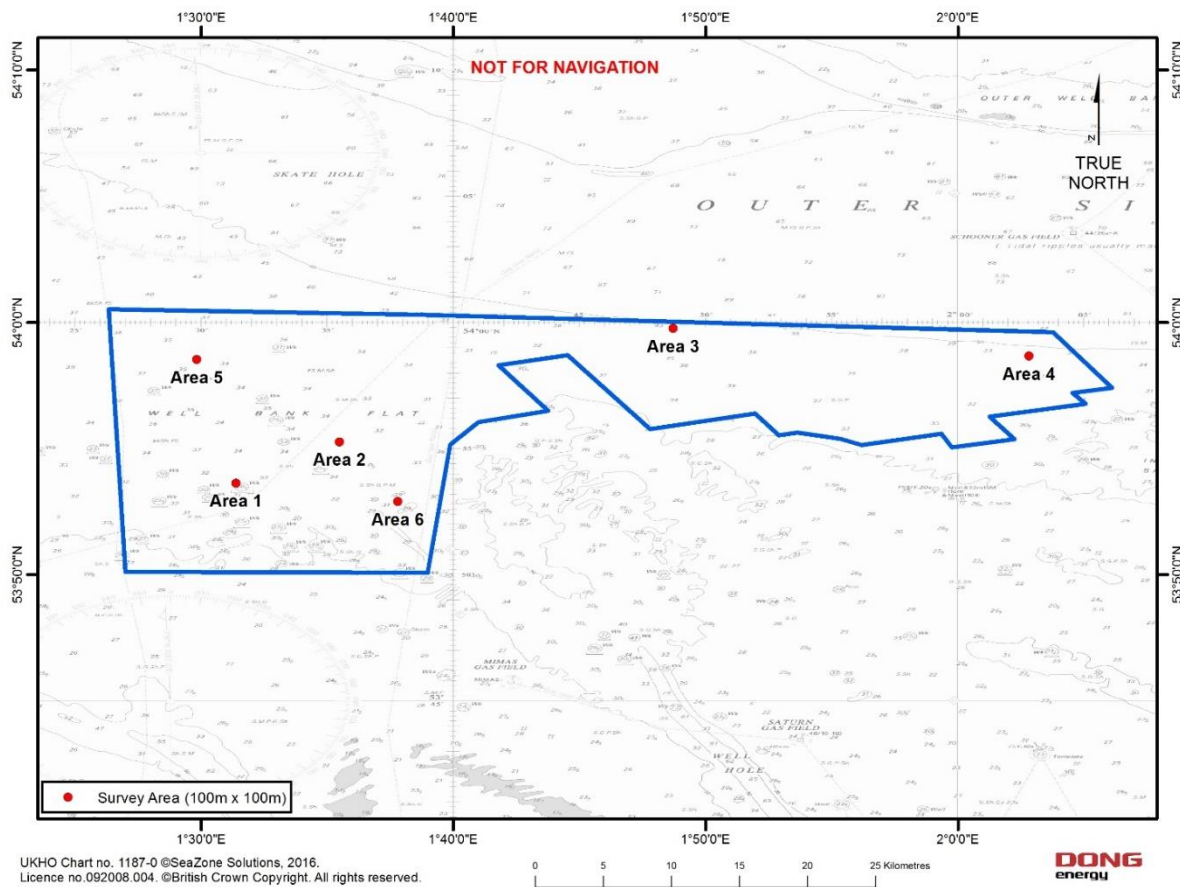
Offshore Fisheries Liaison Officer will be on-board and shall be present on the vessel at all times during the works, contactable on VHF channel 16.

5.2 Project Specific Contacts

In the event the OFLO is not contactable please direct fisheries enquiries related to the survey works to the DONG Site Investigation Manager:

Site Investigation Manager – Klaus Mortensen
 Mob: +45 99 55 76 41 E-mail: klamo@dongenergy.dk


6. SURVEY AREA



7. SURVEY VESSELS

Survey operations will be conducted by the survey vessel MV Icebeam whose details are provided below. Contact can be made directly with the vessel using the contact details listed below. Client and contractor contact details are provided in Section 4 of this NTM.

Vessel Contact Details	
Bridge	+46 31 3100311
Inmarsat Bridge	N/A
V-Sat Bridge	+46 31 3100311
Party Chief	Henrik Lynge Rothmann
Email	herot@dongenergy.dk

General Information	
Name	MV Icebeam
Flag	Sweden
Year Built	1978
IMO Number	7638416
Call Sign	SFKH
Class	Dp1 Survey & ROV Vessel
	
Dimensions	
Length	40
Beam	9,4
Draught	4,5
Gross Tonnage	473

8. DISTRIBUTION LIST

This NTM will also be distributed to the relevant local MMO offices, local IFCA's NFFO, Rederscentrale, HFIG, Danish Fishermen's Association, EEFPO and VisNed.

ABP Ports	cjefferson@abports.co.uk ; afirman@abports.co.uk ; hesvts@abports.co.uk ;
BP	Andrew.Steele@uk.bp.com ; sandra.turin@uk.bp.com ; bickft@bp.com ;
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DEFRA (Eastern Fisheries Inspectorate Lowestoft)	lowestoft@mfa.gsi.gov.uk ;
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HOW01 - Fisheries Liaison Officer (Onshore)	nick.garside@live.co.uk ;
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Kings Lynn Port Authority	harbourmaster@portauthoritykingslynn.fsnet.co.uk ;
MCA	Peter.lowson@mcga.gov.uk ;
MCA (Navigation Safety)	navigationsafety@mcga.gov.uk ;

MCA Offshore Renewable Energy Advisor	nick.salter@mcga.gov.uk ;
MCA Yarmouth	Wm.yarmouth@mcga.gov.uk ;
MCA (Humber Maritime Rescue Sub-Centre)	wm.humber@mcga.gov.uk ;
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