



NOTICE TO MARINERS - HORNSEA ONE PLANNED GEOPHYSICAL INVESTIGATIONS

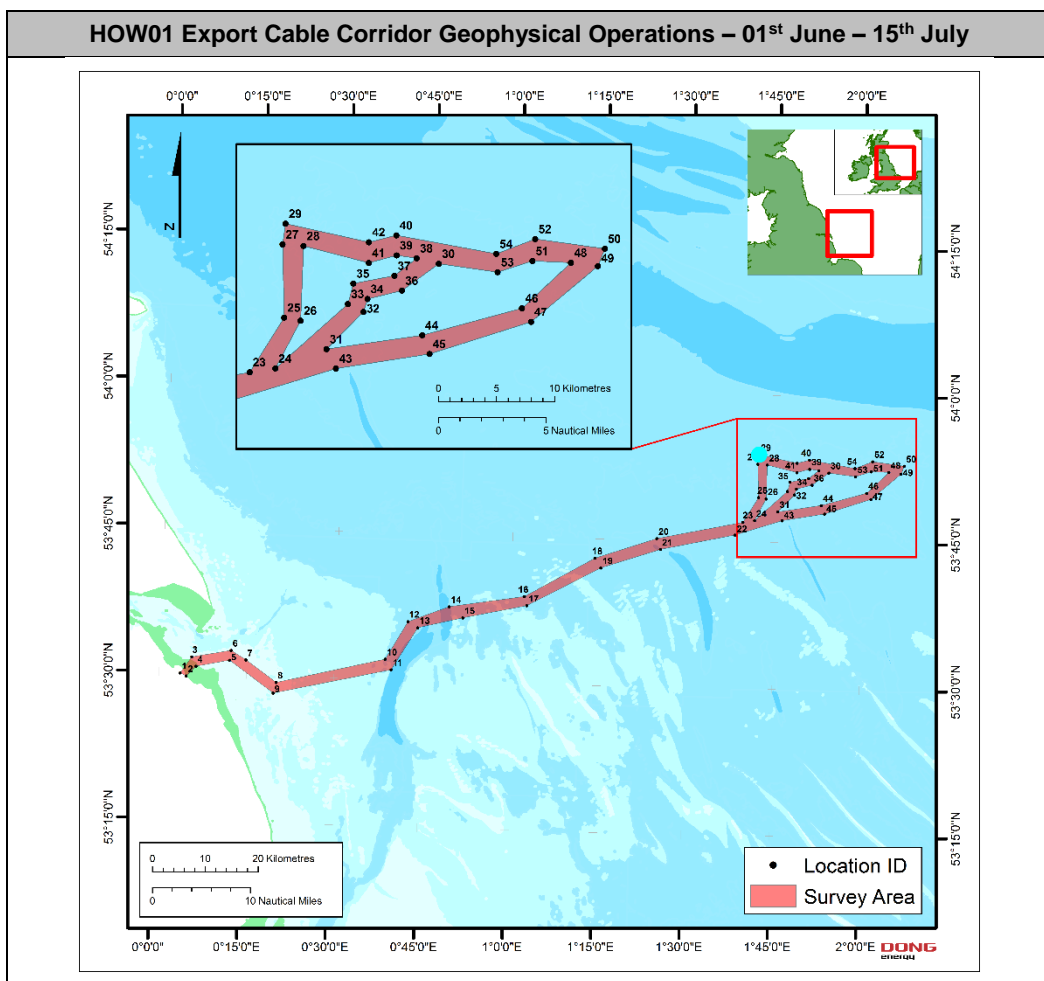
Hornsea Project One – Notice to Mariners May 2016. Issued 24/05/2015 – Update 2

1. INTRODUCTION

Mariners are advised that Hornsea Project One will be carrying out geophysical investigations within the area of operations as illustrated below. The areas are located within the UK Sector of the North Sea off the coast of East Yorkshire as shown on the attached charts.

2. AREA OF OPERATIONS

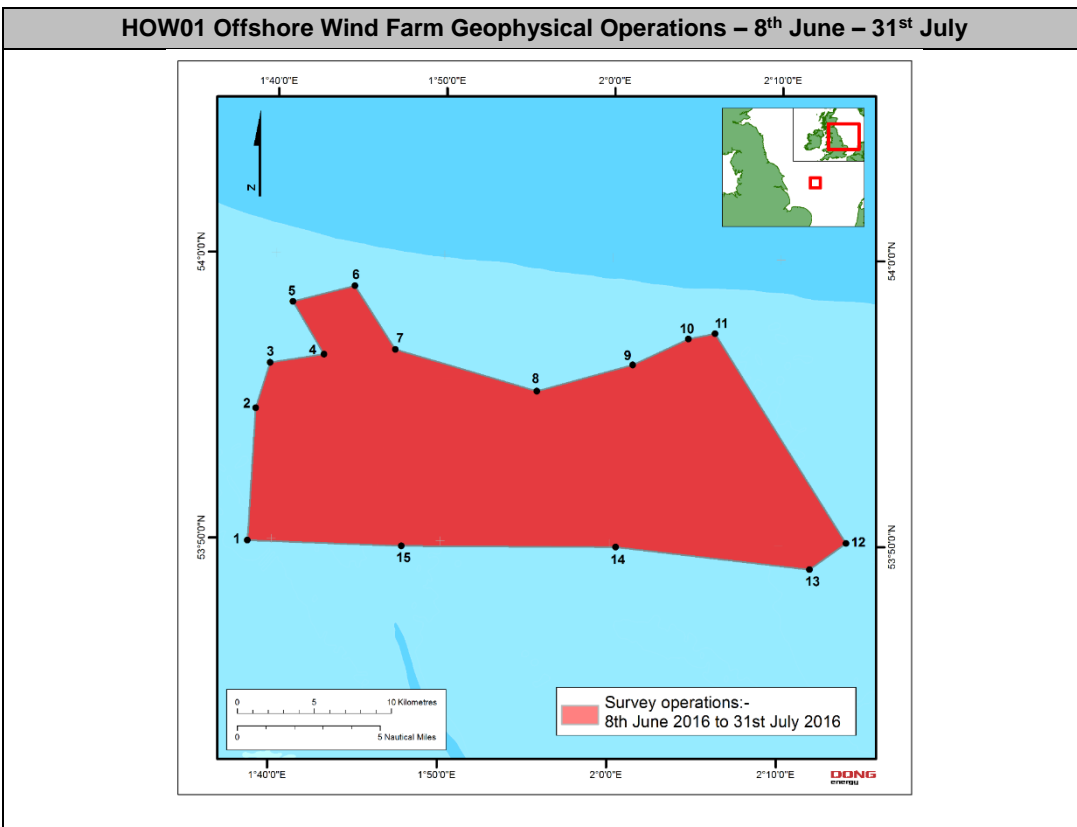
Activities will centre on Hornsea Project One export cable corridor and wind farm. The following points define the extent of the survey area in which the investigations will be conducted.



Prepared Marc Browne (MBROW), 19 May 2016
Accepted Ninna Fevre Bertelsen (NINBE), 23 May 2016
Approved Willem Knoops (WILKN), 23 May 2016

Doc. no. 2434505
Case no. 200-12-0456

HOW01 Export Cable Corridor Geophysical Operations – 01 st June – 15 th July					
Point ID	Latitude	Longitude	Point ID	Latitude	Longitude
1	53° 29' 56.979" N	0° 3' 41.429" E	28	53° 52' 57.315" N	1° 43' 37.823" E
2	53° 29' 40.647" N	0° 4' 45.060" E	29	53° 53' 58.677" N	1° 42' 11.103" E
3	53° 31' 39.004" N	0° 5' 34.261" E	30	53° 52' 13.946" N	1° 54' 16.941" E
4	53° 30' 41.548" N	0° 6' 21.675" E	31	53° 48' 10.999" N	1° 45' 35.092" E
5	53° 31' 27.104" N	0° 12' 3.517" E	32	53° 49' 57.013" N	1° 48' 25.647" E
6	53° 32' 27.041" N	0° 12' 15.188" E	33	53° 50' 17.769" N	1° 47' 11.781" E
7	53° 31' 32.461" N	0° 14' 52.192" E	34	53° 50' 32.579" N	1° 48' 43.544" E
8	53° 29' 21.976" N	0° 20' 10.451" E	35	53° 51' 15.110" N	1° 47' 35.638" E
9	53° 28' 16.289" N	0° 19' 43.702" E	36	53° 50' 57.772" N	1° 51' 25.805" E
10	53° 32' 7.684" N	0° 38' 41.940" E	37	53° 51' 38.693" N	1° 50' 49.234" E
11	53° 31' 4.218" N	0° 39' 46.772" E	38	53° 52' 28.300" N	1° 52' 32.514" E
12	53° 36' 2.961" N	0° 42' 25.372" E	39	53° 52' 35.463" N	1° 50' 57.708" E
13	53° 35' 27.046" N	0° 44' 7.885" E	40	53° 53' 31.337" N	1° 50' 55.123" E
14	53° 37' 41.357" N	0° 49' 24.678" E	41	53° 52' 13.436" N	1° 48' 47.082" E
15	53° 36' 36.109" N	0° 51' 48.648" E	42	53° 53' 10.999" N	1° 48' 46.299" E
16	53° 38' 57.526" N	1° 2' 17.524" E	43	53° 47' 17.611" N	1° 46' 21.046" E
17	53° 38' 1.918" N	1° 2' 43.949" E	44	53° 48' 54.049" N	1° 53' 3.858" E
18	53° 43' 3.926" N	1° 14' 14.829" E	45	53° 48' 2.485" N	1° 53' 39.835" E
19	53° 42' 4.729" N	1° 15' 17.368" E	46	53° 50' 13.563" N	2° 0' 52.031" E
20	53° 45' 12.290" N	1° 24' 48.426" E	47	53° 49' 36.161" N	2° 1' 36.239" E
21	53° 44' 6.028" N	1° 25' 28.180" E	48	53° 52' 22.402" N	2° 4' 39.767" E
22	53° 45' 44.436" N	1° 38' 16.909" E	49	53° 52' 13.732" N	2° 6' 47.089" E
23	53° 47' 2.962" N	1° 39' 35.324" E	50	53° 53' 2.448" N	2° 7' 18.532" E
24	53° 47' 15.046" N	1° 41' 36.028" E	51	53° 52' 25.719" N	2° 1' 38.345" E
25	53° 49' 37.071" N	1° 42' 13.192" E	52	53° 53' 27.147" N	2° 1' 50.166" E
26	53° 49' 29.276" N	1° 43' 30.570" E	53	53° 51' 53.206" N	1° 58' 55.378" E
27	53° 53' 0.843" N	1° 41' 59.343" E	54	53° 52' 44.017" N	1° 58' 47.567" E



HOW01 Offshore Wind Farm Geophysical Operations – 8 th June – 31 st July					
Point ID	Latitude	Longitude	Point ID	Latitude	Longitude
1	N53° 49' 55.388"	E1° 38' 35.482"	8	N53° 55' 18.803"	E1° 55' 35.292"
2	N53° 54' 33.683"	E1° 38' 56.729"	9	N53° 56' 16.303"	E2° 01' 15.269"
3	N53° 56' 09.463"	E1° 39' 44.608"	10	N53° 57' 12.481"	E2° 04' 32.376"
4	N53° 56' 28.670"	E1° 42' 55.549"	11	N53° 57' 24.509"	E2° 06' 06.700"
5	N53° 58' 18.742"	E1° 41' 01.794"	12	N53° 50' 07.189"	E2° 14' 01.180"
6	N53° 58' 53.627"	E1° 44' 41.485"	13	N53° 49' 11.580"	E2° 11' 52.569"
7	N53° 56' 41.596"	E1° 47' 09.513"	14	N53° 49' 53.589"	E2° 00' 22.874"
			15	N53° 49' 49.245"	E1° 47' 42.772"

3. SURVEY

3.1 Geophysical Investigations

Export Cable Corridor/Interlink (Windfarm): Please be advised that Hornsea Project One will be carrying out geophysical investigations with the **MV ATHENA and MV LIA** on behalf of DONG Energy.

Wind Farm: Please be advised that Hornsea Project One will be carrying out geophysical investigations with the **MV VICTOR HENSEN and MV HELMERT** on behalf of DONG Energy.

Export Cable Corridor/ Interlink (Windfarm): The geophysical operations will commence on the **01st June** and run for approximately **6 weeks**. The exact finish date is dependent on the prevailing weather conditions, vessel downtime and work progress, but the forecasted completion date as of the publication date of this notice is **15th July**.

Wind Farm: The geophysical operations will commence on the **8th June** and run for approximately **8 weeks**. The exact finish date is dependent on the prevailing weather conditions, vessel downtime and work progress, but the forecasted completion date as of the publication date of this notice is **31st July**.

The planned geophysical investigations will include utilising an array of hull mounted and towed equipment including sub-bottom profiler, side scan sonar, multi-beam echosounder & magnetometer.

4. SAFETY

All static fishing gear is requested to be moved out with the boundary as illustrated on the attached charts noting the timescales for clearance. 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.

5. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Project One requirements. A further update notice will be issued as the works progress.

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

Cable Corridor Geophysical Investigations – MV Lia & Athena (Bibby Hydromap)		
Project Manager	Iciar Martinez	
Tel: +44(0)151 328 1120	Mob: -	E-mail: iciar.martinez@bibbyhydromap.com

Geophysical Investigations – MV Helmert & Victor Hensen (Fugro)		
Project Manager	Darren Baylis	
Tel: +44 (0) 1489 861 949	Mob: +44 (0) 7789 643 986	E-mail: d.baylis@fugro.com

6. FISHERIES LIAISON

Project Onshore Fisheries Liaison is provide for by Nick Garside and Courtney French and can be contacted on:

Mob: +44 (0) 7538 827 013 Email: nick.garside@live.co.uk
 Mob: +44 (0) 7702710178 Email: courtney@brownmay.com

6.1 Offshore Fisheries Liaison

For geophysical operations, offshore Fisheries Liaison Officers will be on-board and shall be present on one vessel at all times during the works, contactable on VHF channel 16.

6.2 Project Specific Contacts

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

Site Investigation Manager Willem Knoops

Tel: +44 20 7811 5547 E-mail: WILKN@dongenergy.co.uk

7. SURVEY VESSELS

Survey operations will be conducted by the survey vessel **MV LIA** and **MV ATHENA** operated by Bibby Hydromap and **MV HELMERT** and **MV VICTOR HENSEN** operated by Fugro whose details are provide below. Contact can be made directly with the vessels using the contact details listed below. Client and contractor contact details are provided in Section 5 of this NTM.

Vessel Contact Details (MV LIA)	
Bridge	07740023510
Party Chief	Joe Wheeler
Email	Lia@bibbyhydromap.com

General Information (MV LIA)	
Name	MV LIA
Flag	British
Year Built	2004
Call Sign	MERD8
Class	Small Commercial Vessel Certificate



Dimensions	
Length	15.30
Beam	5.60
Draught	1
Gross Tonnage	22.5

Vessel Contact Details (MV ATHENA)	
Bridge	07714220251
Inmarsat Bridge	423594230@inmc.eik.com
V-Sat Bridge	01515562959
Party Chief	Marc Sentis
Email	BibbyAthena@bibbyhydromap.com

General Information (MV ATHENA)	
Name	MV ATHENA
Flag	British
Year Built	2014
IMO Number	9714824
Call Sign	2ICA5
Class	Lloyd's Register 100A1SSC Catamaran, G6, DP1



Dimensions	
Length	27.50
Beam	10
Draught	3.5
Gross Tonnage	145
Communication	
Inmarsat	423594230@inmc.eik.com

Vessel Contact Details (MV HELMERT)	
Bridge	+49 172 98 09 888
Inmarsat Bridge	+881 623 427 439
V-Sat Bridge	001 90 49 006 625
Party Chief	Partychief.fugrohelmert@fugro.com
Email	Bridge.fugrohelmert@fugro.com

General Information (MV HELMERT)	
Name	MV HELMERT
Flag	Gibraltar
Year Built	2013
IMO Number	9662978
Call Sign	ZDNM8
Class	DNV GL + 100 A5 E IW Research Vessel



Dimensions	
Length	41.53m
Beam	10.00m
Draught	2.8m
Gross Tonnage	496t
Communication	
Inmarsat	+881 623 427 439

Vessel Contact Details (MV VICTOR HENSEN)	
Bridge	+49 (0) 1575 1469185
Inmarsat Bridge	+870 764021782
V-Sat Bridge	+49 421 944024 3081
Party Chief	PC – TBC Project Manager Darren Baylis +44 (0)7789643986
Email	rs.vhe@skyfile.com

General Information (MV VICTOR HENSEN)	
Name	MV VICTOR HENSEN
Flag	Malta
Year Built	1975
IMO Number	7360655
Call Sign	9HYZ7
Class	GL + 100 A5 E + MC E AUT



Dimensions	
Length	39.22
Beam	9.5 m
Draught	4.5 m
Gross Tonnage	464
Communication	
Inmarsat	+870 764021782

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 ;
ABP Ports	afirman@abports.co.uk ;
BP	lynda.harpley@uk.bp.com ;
BP	fiona.williamson@uk.bp.com ;
CEFAS	jon.rees@cefass.co.uk ;
Centrica	Jurgen.joosten@centrica.com ;
Conoco Phillips	Susan.Mpaulo@conocophillips.com ;
DECC	correspondence@decc.gsi.gov.uk ;
DEFRA (Eastern Fisheries Inspectorate Lowestoft)	lowestoft@mfa.gsi.gov.uk ;
DFDS	roy.kersey@dfds.com ;
DFDS	richard.berglarsen@dfds.com ;
Eastern IFCA	mail@eastern-ifca.qcsx.gov.uk ;
East Port UK	harbouroffice@eastportuk.co.uk ;
East Riding Council	david.mccandless@eastriding.gov.uk ;
HOW01 - Fisheries Liaison Officer (Onshore)	nick.garside@live.co.uk ;
HOW02	SATHO@dongenergy.co.uk ;
HOW03	JULCA@dongenergy.co.uk ;
Ineos	Rachael.o'sullivan@ineos.com ; stephen.smith@ineos.com ;
Kingfisher Information Services	kingfisher@seafish.co.uk ;
Kings Lynn Port Authority	harbourmaster@portauthoritykingslynn.fsnet.co.uk ;
Lowestoft Port Authority	GHorton@abports.co.uk
MCA	paul.townsend@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 ;
Marine Management Organisation	Lisa.Southwood@marinemanagement.org.uk ;
Marine Management Organisation	marine.consent@marinemanagement.org.uk ;
Marine Management Organisation (Grimsby)	grimsby@marinemanagement.org.uk ;
Marine Management Organisation (Harwich)	harwich@marinemanagement.org.uk ;
Marine Management Organisation (North Shields)	northshields@marinemanagement.org.uk ;
National Federation of Fishermen's Organisations	nffo@nffo.org.uk ;
National Grid	Daniel.James@nationalgrid.com ;
North Eastern IFCA	ne-ifca@eastriding.gov.uk ;
North IFCA	nifca@nifca.gov.uk ;
Perenco	asanders@uk.perenco.com ;
Port of Boston	rwalker@portofboston.co.uk ;
P&O Ferries	grant.laversuch@poferries.com ;
Premier Oil	mstockwell@premier-oil.com ;
RNLI (Flamborough Lifeboat)	flamborough@rnli.org.uk ;
RNLI (Skegness Lifeboat Station)	Skegness@rnli.org.uk ;
RNLI (Scarborough Lifeboat)	scarborough@rnli.org.uk ;
RNLI (Spurn Head)	humber@rnli.org.uk ;
RNLI (Whitby Lifeboat)	whitby@rnli.org.uk ; coxswain@wellslifeboat.org ;
Shell	UKDCC-Supervisor@shell.com ; sandy.smith@shell.com ;
Specialist Marine Services	simonp@smchse.com ;
Trinity House Navigation	Navigation.directorate@thls.org ;
Tullow Oil	Andy.Edgar@tulloil.com ;
UKHO (HDC Files)	hdcfiles@ukho.gov.uk ;
UKHO (NTMs)	noticetomariners@ukho.gov.uk ; offshore.energy@ukho.gov.uk ; Ray.Paice@UKHO.gov.uk ;
UKHO (Navigational Warnings)	Navwarnings@btconnect.com ;
Wells Harbour	harbouroffice@wellsharbour.co.uk ;