



NOTICE TO MARINERS - HORNSEA ONE UXO Investigation

Hornsea Project One – Notice to Mariners June 2017. Issued 15/06/2017. Update 6

1. INTRODUCTION

Mariners are advised that Hornsea Project One are continuing the investigations for potential unexploded ordnance (pUXO) 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.

A number of pUXO are being investigated. These targets are magnetic anomalies and only a small percentage are expected to be identified as confirmed UXO. If confirmed as UXO these items will be disposed of by means of detonation. The purpose of the Hornsea Project One UXO clearance works is to remove any identified UXO within the Hornsea Project One Order limits, prior to the start of the main Hornsea Project One construction works. Operations commenced on 20th May with MV Smit Kamara and EDT Protea. Mobilisation of a third survey vessel, **Zwerver III**, is scheduled to commence on **19th June 2017**. The Zwerver III will work in the nearshore section of the export cable corridor, out to around 10m contour. Operations are likely then to commence from the 19th of June 2017 and be ongoing for two months depending on weather encountered and productivity. It is expected that gear clearance is completed by the **19th June 2017**.

2. AREA OF OPERATIONS

Activities will occur within the Hornsea Project One wind farm and export cable corridor. A list of coordinates is at the end of this document. Please be advised that a pUXO investigation will be undertaken by the vessel MV Smit Kamara, EDT Protea and Zwerver III. Details of MV Smit Kamara are provided in update 1, EDT Protea in Update 2. The vessels will be deployed to the below locations at times and positions determined by client requirements, weather and sea conditions.

3. OPERATIONS

3.1 Details

Please be advised that Boskalis are carrying out the operations with the **Zwerver III**. The vessel will be deploying ROV equipment, this will restrict their ability to manoeuvre. It will be requested that all vessels operating within the area keep a safe distance (500m) and pass at minimum speed to reduce vessel wash.

Operations will be conducted on a 12 hour basis. Throughout operations the vessels will be displaying the shapes and lights prescribed in the International Rules for the Prevention of Collisions at Sea (COLREGS) Rule 27. Displaying the prescribed shapes and lights when the vessel is restricted in its ability to manoeuvre.

| | |
|----------|--------------------------------------|
| Prepared | Courtney French (CONFR) 13 June 2017 |
| Accepted | Marc Browne (MBROW) 13 June 2017 |
| Approved | Declan Fives (DECFI) 13 June 2017 |
| Doc. no. | 2807362 |
| Case no. | 200-12-0456 |

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 vessel and its equipment advises the Projects Fishing Industry Liaison Officer of their position and nature. When operations 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 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 One requirements. A further notice will be issued with any further updates.

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

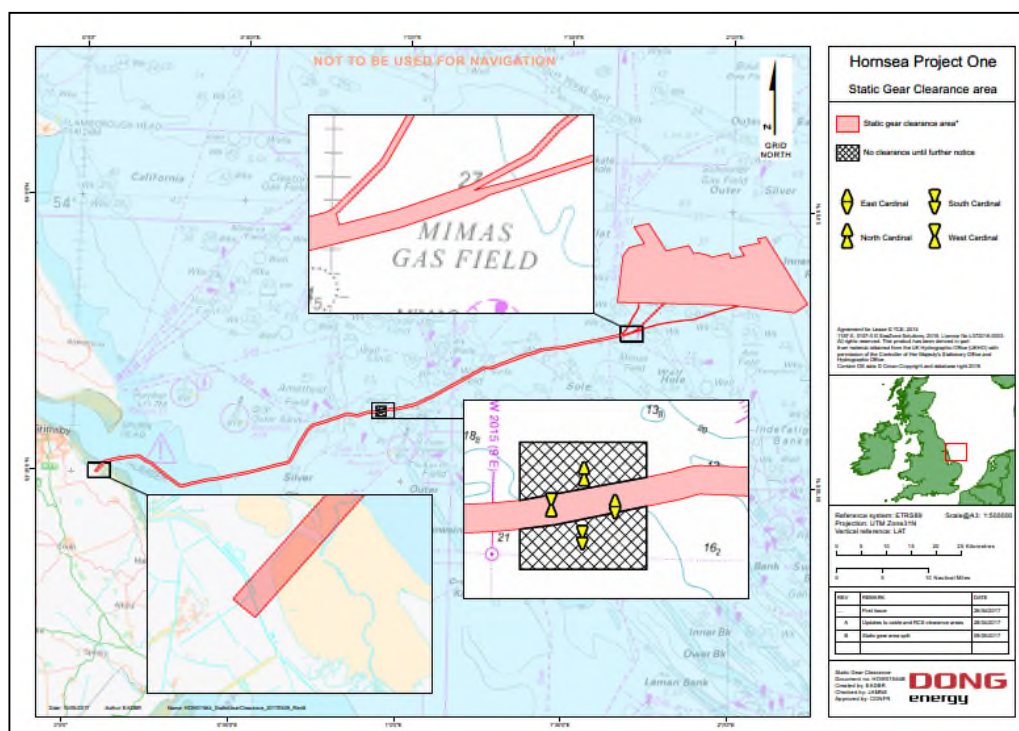
| pUXO Investigation – Smit Kamara, EDT Protea, Zwerver III | | |
|---|------------------------|--|
| Project Manager | Chris Meijer | |
| Tel: +49 172 43 16 518 | Mob: +49 172 43 16 518 | E-mail: chris.meijer@boskalis.com |

5. FISHERIES LIAISON

Project One Onshore Fisheries Liaison is provided for by Nick Garside and Brown and May Marine who can be contacted on:

Mob: +44 (0) 7538 827 013 Email: nick.garside@live.co.uk
 Mob: +44 (0) 7841 860 752 Email: jake.laws@brownmay.com

6. SURVEY AREA



7. VESSELS

Operations will be conducted by the vessel **ZWERVER III** whose details are provided 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 (ZWERVER III) | |
|--------------------------------------|--|
| Bridge | +31 653938297 +31 850090203 +88 1622474956 |
| Email | zwerver3@hvds.nl |

| General Information (ZWERVER III) | |
|-----------------------------------|--------------------|
| Name | Zwerver III |
| Flag | Netherlands |
| Year Built | 2011 |
| IMO Number | 9614878 |
| Call Sign | PCLQ |



| Dimensions | |
|----------------------|-------|
| Length | 31.5m |
| Beam | 15m |
| Draught | 3 m |
| Gross Tonnage | 499 t |

Operations will also be conducted by the vessels **MV Smit Kamara** and **MV EDT Protea** whose details are provided below. Contact can be made directly with the vessels using the contact details listed below.

| Vessel Contact Details (EDT Protea) | |
|-------------------------------------|---|
| Bridge | 001 954 672 5879 00 357 25 030 653 001 239 567 9211 |
| Captain | 001 954 672 5880 00 357 23 030 108 |
| V-Sat Bridge | |

| | |
|--|--|
| Party Chief | Maarten Straetmans |
| Email | protea.captain@edtoffshore.com |
| Vessel Contact Details (MV Smit Kamara) | |
| Bridge | +49 1523 7324 173 |
| Inmarsat Bridge | +881 622 477 974 FB500 |
| V-Sat Bridge | +31 10 8080 924 |
| Party Chief | +49 421 944024 3082 |
| Email | Kamara-Captain@boskalis.com |

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, EEFO 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 ; |
| CEFAS | jon.rees@cefass.co.uk ; Keith.Cooper@cefass.co.uk ; |
| Centrica | Jurgen.ioosten@centrica.com ; |
| Conoco Phillips | Karen.Morrison@conocophillips.com ; Kingsley.Anunobi@contractor.conocophillips.com ; Susan.Mpaulo@conocophillips.com ; Stuart.C.Brookes@conocophillips.com ; Karen.morrison@conocophillips.com ; liam.R.williams@conocophillips.com ; |
| DECC (now known as Department of Business, Energy and Industrial Strategy) | enquires@BEIS.gov.uk ; |
| DEFRA (Eastern Fisheries Inspectorate Lowestoft) | lowestoft@mfa.gsi.gov.uk ; roy.kersey@dfds.com ; |
| DFDS | richard.berglarsen@dfds.com ; |
| DIO SD Trg-E Holbeach TSO (Lawrence, Christa Sqn Ldr) | DIOSDTrg-EHolbeachTSO@mod.uk ; |
| DNK-ATCSNCO2 (Philpot, Jonathan FS) | DNK-ATCSNCO2@mod.uk ; |
| Eastern IFCA | mail@eastern-ifca.gov.uk ; |
| East Port Uk | harbouroffice@eastportuk.co.uk ; |
| East Riding Council | david.mccandless@eastriding.gov.uk ; |
| ENGIE | Pierre.girard@gdfsuezep.co.uk ; |
| HM Coastguard | zone8@hmcg.gov.uk ; zone9@hmcg.gov.uk ; |
| HOW01 - Fisheries Liaison Officer (Onshore) | nick.garside@live.co.uk ; |
| HOW02 | SATHO@dongenergy.co.uk ; |
| HOW03 | JULCA@dongenergy.co.uk ; |
| Ineos | phillip.jones@ineos.com ; mark.yates@ineos.com ; Andrew.Mann@ineos.com ; |
| Kingfisher Information Services | kingfisher@seafish.co.uk ; |
| Kings Lynn Port Authority | harbourmaster@portauthoritykingslynn.fsnet.co.uk ; |
| MCA | paul.townsend@mcga.gov.uk ; Heloise.warner@mca.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.consents@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 | ramstrong@PREMIER-OIL.com ; lwest@PREMIER-OIL.com ; daridgway@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 ; SUKEP-Marine-Services@shell.com ; sandy.smith@shell.com ; Tony.peetoom@shell.com ; |
| Specialist Marine Services | simonp@smchse.com ; |
| Trinity House Navigation | Navigation.directorate@thls.org ; martin.thomas@thls.org ; |
| Tullow Oil | ian.manners@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 ; |