

## NOTICE TO MARINERS

### TRANSITS OF UNMANNED SURFACE VESSEL(USV)

#### X-11

UTC  BST

**Activity** – Operations of a remotely piloted Unmanned Surface Vessel (USV) X-11, are planned off the Suffolk Coast in the Greater Gabbard Wind Farm area.

**Dates** – Sunday 8<sup>th</sup> May 2022, duration of works approx. one week, subject to weather conditions.

The USV will be mobilised from Royal Norfolk & Suffolk Yacht Club, Lowestoft where it will transit to/from the area of operation.

During the operation the USV will be performing a Survey/Inspection of 6 turbine positions in the Greater Gabbard wind farm as follows:-

IGE09	51°54.421'N	01°54.826'E
IGF02	51°56.214'N	01°56.676'E
IGG06	51°55.362'N	01°56.916'E
IGH02	51°57.857'N	01°59.093'E
IGJ03	51°55.422'N	01°59.246'E
IGJ05	51°54.365'N	01°58.594'E

A support vessel will escort the USV for transits in the Harbour and in the Approaches to the Port.

Although the vessel is unmanned, it is managed throughout the 24hour operation, piloted remotely using 360° cameras and other navigational aids.

The USV sends real time images and situational awareness data over satellite to a team of operators keeping watch and controlling the vessel remotely 24/7.

**Vessel Details:**

- Name: X-11 UNCREWED
- MMSI: 232033343
- Length: 4.5 m
- Beam: 2.2 m
- Speed: 3.5 kts
- Draught: 1.5 m
- Tonnage: 750 kg



**Safety Precautions:** The USV is equipped with the following to make it conspicuous to other marine traffic;

- AIS.
- Navigation Lights & sound signal.
- Active radar reflector.
- Superstructure painted yellow.

It is requested that other vessels remain clear, so far as is practicable, during transits & survey operations.

Please contact Lowestoft Port Control, VHF Ch14, Tel. 01502 572286 (Option 3), if further information is required.

**Divisional Harbour Master East Anglia**

**05 May 2022**

**Notice to Mariners Currently in Force:**

**2006** No.5 **2007** No.13 **2009** No.19 **2011** No.7, No.10 **2012** No.3, **2013** No.17, No.19, **2015** No.24 **2016** No.12 **2017** No.5, No.22, No.24, No.32 **2019** No.2, No.18 **2020** No.17, No.24, No.26, No.29, No.40, No.43, No.44, No.47, No.50, **2021** No.01, No.40, No.51, No.54, No.57, No.58, **2022** No.1, No.2, No. 10, No. 13, No.18, No.20, No.21, No.22

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