

NOTICE TO MARINERS

Lowestoft – Continued Operations and Transits of Unmanned Surface Vessels

UTC ☐ BST ☒

Activity – Continuation of operations of remotely piloted Unmanned Surface Vessels (USV) X-03 and X-21 – transiting to and from an area off the Norfolk Coast to complete survey operations:-

Vessel Details:

- | | |
|-----------------------|-----------------------|
| • Name: X-03 UNCREWED | • Name: X-21 UNCREWED |
| • MMSI: 232019976 | • MMSI: 232042738 |
| • Length: 4.5 m | • Length: 4.5 m |
| • Beam: 2.2 m | • Beam: 2.2 m |
| • Speed: 3.5 kts | • Speed: 3.5 kts |
| • Draught: 1.0 m | • Draught: 1.0 m |
| • Tonnage: 750 kg | • Tonnage: 750 kg |

Dates – From Thursday 13th October, duration of the survey works are up until approx. end of October subject to suitable weather conditions for survey requirements. Timings of transits of each USV will vary subject to operational requirements.

The USVs will mobilise from the Royal Norfolk & Suffolk Yacht Club - Lowestoft, where they will transit to/from the area of operation. A support vessel will escort the USVs for transits in the Harbour and in the Approaches to the Port, monitoring VHF Ch14.

Although the vessels are unmanned, they are managed throughout each 24hour operation, piloted remotely using 360° cameras and are equipped with other navigational aids/markings:-

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



Transit Route to/from Lowestoft



XOCEAN USV

Note that this NTM supersedes NTM No.42b which is hereby cancelled.

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

Divisional Harbour Master East Anglia

13 October 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.25. No.26, No. 35, No. 42c, No. 43, No. 45a, No.48

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