

**NOTICE TO MARINERS**

**Lowestoft – Transit of an Unmanned Surface Vessel**

UTC  BST

Mariners and Port Users are advised that an unmanned surface vessel (USV) will transit from the Port of Lowestoft - PM on Monday 13<sup>th</sup> September 2021 (subject to weather) and will be used for hydrographic survey works between the Carrack and Clipper Offshore Installations, and will proceed to/from the survey area via the route shown in figure 1 below.

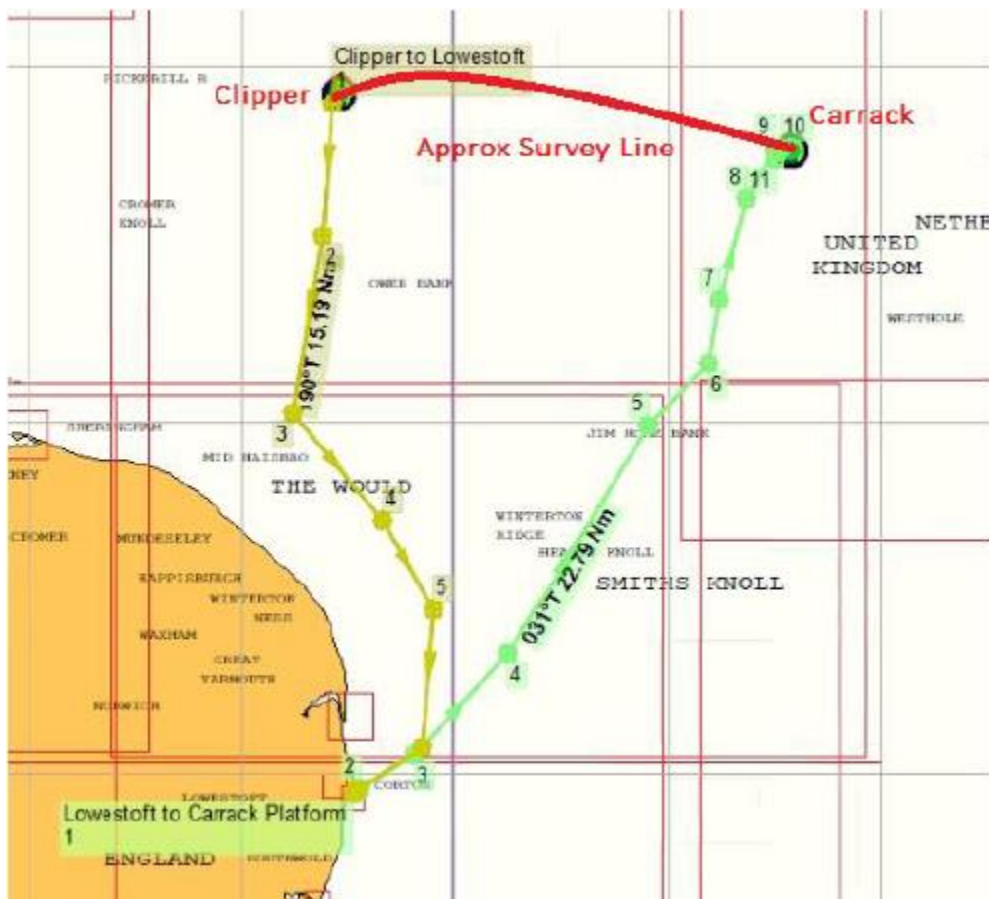


Figure 1- Transit to/from and Survey Area

Figure 2- Survey Area

## Survey Routes

Point	Latitude	Longitude
1.	53;34;43.28184 N	2;47;27.18044 E
2.	53;35;39.54836 N	2;38;36.96554 E
3.	53;36;01.06389 N	2;29;31.57274 E
4.	53;36;11.29298 N	2;20;31.14477 E
5.	53;36;18.03008 N	2;11;29.83831 E
6.	53;36;30.96555 N	2;02;26.32290 E
7.	53;36;44.36170 N	1;53;26.37006 E
8.	53;33;42.72066 N,	1;46;06.80678 E
9.	53;27;29.62594 N	1;44;00.67837 E

The USV "X-03" is operated by 'XOcean' (MMSI 232019976) and will be remotely controlled by a USV 'Pilot'. The vessel is capable of working 24/7. The USV has AIS, Navigation lights a radar reflector and has a yellow superstructure (see below photo). The survey offshore is expected to take approx. 7 days but may be extended if any weather or operational delays. In such circumstances the USV may require to temporarily return to port.

When transiting from and to Lowestoft RNSYC, the USV will be escorted by a safety boat. The Safety Boat will be monitoring VHF Ch14 during Harbour transits.



Please contact Lowestoft Port Control, VHF Ch 14, Tel. 01502 572286, if additional information is required.

**Divisional Harbour Master East Anglia**

**13 September 2021**

**Notice to Mariners Currently in Force:**

**2006** No.5 **2007** No.13 **2009** No.19 **2011** No.7, No.10, No.19 **2012** No.3, **2013** No.17, No.19, **2015** No.24 **2016** No.12 **2017** No.5, No.22, No.24, No.32, No.34 **2018** No.34, **2019** No.2, No.18 **2020** No.1, No.17, No.24, No.26, No.29, No.40, No.43, No.44, No.45, No.47, No.50, **2021** No.01, No.28, No. 39, No. 40, No. 41

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