

NOTICE TO MARINERS: SURVEY USING UNMANNED SURFACE VESSEL (USV)

Activity: Operation of one or two Unmanned Surface Vessels (USV's) is planned off the coast of Great Yarmouth. The USV(s) will be mobilised from Norfolk and Suffolk Marina from where they will transit to/from the area of operation. During the operation the USV(s) will be performing a Hydrographic Survey of the area shown below.

Dates: 24-hour operations are planned from w/c 17th March for approximately 3 weeks subject to weather conditions.

Location: The USV(s) will remain clear of all restricted areas, performing survey lines bounded by:

- 52°59.857 N 001°33.321 E
- 52°55.257 N 002°11.874 E
- 52°45.323 N 002°17.608 E
- 52°49.763 N 001°45.644 E

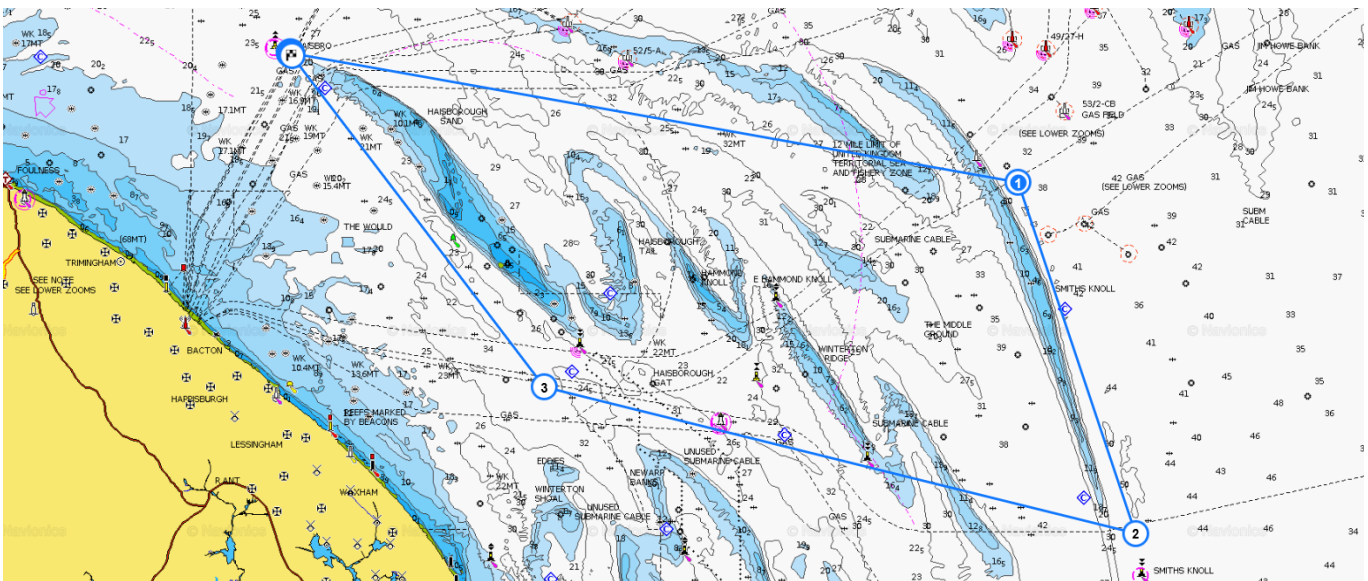


Figure 1: Operating area

Vessel Details:

- **Length:** 4.5m
- **Beam:** 2.2m
- **Speed:** 3.5kts
- **Draught:** 1.0m
- **Tonnage:** 750 Kg

Vessel 1

- **Name:** X-02B UNMANNED
- **MMSI:** 232018745

Vessel 2

- **Name:** X-03 UNMANNED
- **MMSI:** 232019976



The USV sends real time images and situational awareness data over 4G/Satellite to a team of operators keeping watch and controlling the vessel remotely 24/7.

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

- AIS
- Navigation Lights & Sounds
- Active Radar Reflector
- Superstructure Painted Yellow

When operating within the Great Yarmouth harbour limits, the USV(s) will be accompanied by a safety boat.

Seafarers are asked to avoid contact with the vessel and be aware of the operational area during this period.

Emergency Contact Details:

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