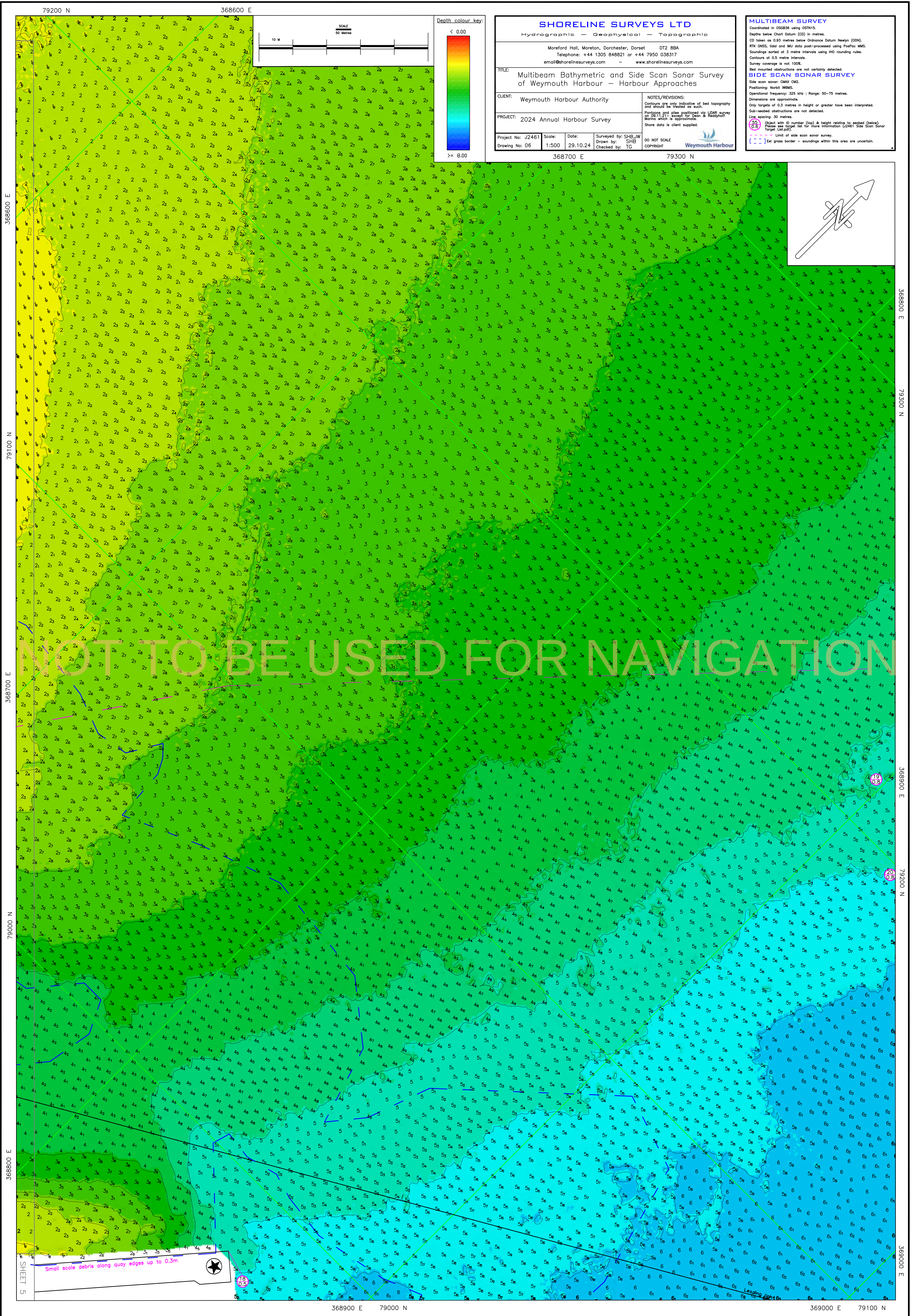




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TITLE:

Multibeam Bathymetric and Side Scan Sonar Survey of Weymouth Harbour — Harbour Approaches

CIENT:

Weymouth Harbour Authority

PROJECT:

2024 Annual Harbour Survey

Project No: J2461

Scale: 1:500

Date: 29.10.24

Surveyed by: SHB, JMW

Drawn by: SHB

Checked by: TG

DO NOT SCALE

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Weymouth Harbour

MULTIBEAM SURVEY

Coordinated in OSGB36 using OSTN15.

Depths below Chart Datum (CD) in metres.

CD taken as 0.93 metres below Ordnance Datum Newlyn (ODN).

RTH, QRTS, Ideal and MLI data post-processed using RINEX VMS.

Soundings sorted at 3 metre intervals using IHO rounding rules.

Contours at 0.5 metre intervals.

Survey coverage is not 100%.

Bed mounted obstructions are not certainly detected.

SIDE SCAN SONAR SURVEY

Side scan sonar: CMAX CM2.

Positioning: Norbit WBMS.

Operational frequency: 325 kHz | Range: 50-75 metres.

Dimensions are approximate.

Only targets of 0.3 metres in height or greater have been interpreted.

Sub-seabed obstructions are not detected.

Line spacing: 30 metres.

Object with ID number (top) & height relative to seabed (below).

Placed see target list for more information (J2461 Side Scan Sonar Target List.pdf)

Limit of side scan sonar survey.

Elal gross border — soundings within this area are uncertain.

NOT TO BE USED FOR NAVIGATION

Small scale debris along quay edges up to 0.3m

Leading Light