



SHORELINE SURVEYS LTD

Hydrographic — Geophysical — Topographic

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TITLE:

Multibeam Bathymetric & Side Scan Sonar survey within the Isles of Scilly: St Mary's Harbour Quay

CLIENT:

Duchy of Cornwall — Harbour Authority

PROJECT:

2025 check survey

Project No: J2500

Scale: 1:375

Date: 06.05.25

Surveyed by: TCAR

Drawn by: TM

Checked by: TG

NOTES/REVISIONS:

Contours are only indicative of bed topography and should be treated as such.

Shore data is approximate and should be treated as such.

Survey Extents.

Weed Delineation border.

Vegetation and rocks.

DO NOT SCALE

COPYRIGHT

DUCHY OF CORNWALL

ST MARY'S HARBOUR

SURVEY NOTES

Coordinated in OSGB36 using OSTN15.

Depths below Chart Datum (CD) in metres.

CD taken as 2.91 metres below Ordnance Datum Newlyn (ODN).

Soundings sorted at 0.75 metre intervals using IHO rounding rules.

Contours at 1.0 metre intervals. | Survey coverage is not 100%.

Sub-seabed obstructions are not detected.

Dimensions are approximate.

EQUIPMENT SPECIFICATIONS

Multibeam echosounder & side scan sonar: Norbit IWBM5.

Positioning & IMU: Norbit IWBM5 & Applanix Wavemaster II.

RTK GNSS, tidal and IMU data post-processed using PostPAC MMS.

Operational frequency: 400 kHz | Range: swath and depth dependent.

Coverage was collected at 200%.

Object with ID number (top) & height relative to seabed (bottom), road are represented by single dashed circles.

Please see target list for more information (J2500 Side Scan Sonar Target List.pdf).

Client defined harbour controlling depth contour (3.9mCD)