



SHORELINE SURVEYS LTD
Hydrographic — Geophysical — Topographic

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TITLE:
Mutlibeam Bathymetric & Side Scan Sonar Survey
within the Isles of Scilly: St Mary's Harbour

CLIENT:
Duchy of Cornwall — Harbour Authority

PROJECT:
2025 check survey

Project No: J2500
Drawing No: 02V2

Scale:
1:1000

Date:
06.05.25

Surveyed by: TGA
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 6.0 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 IWBMS.
Positioning & IMU: Norbit IWBMS & 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 (below), radii are represented by purple dashed circles.
Please see target list for more information (J2500 Side Scan Sonar Target List.pdf).

