



**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 Approaches

**CLIENT:** Duchy of Cornwall — Harbour Authority

**PROJECT:** 2025 check survey

Project No: J2500  
Drawing No: 04v2

**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 Extent:  
Weed Delineation border.  
Vegetation and rocks.  
DO NOT SCALE  
COPYRIGHT

**SURVEY NOTES**  
Coordinated in OSGB36 using OSTN15.  
Depths below Chart Datum (CD) in metres.  
OD taken as 2.91 metres below Ordnance Datum Newlyn (ODN).  
Soundings sorted at 10.5 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 NWBMS.  
Positioning & IMU: Norbit NWBMS & 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 200C.  
Object with ID number (top) & height relative to seabed (bottom), rock are represented by purple dashed circles.  
Please see target list for more information (J2500 Side Scan Sonar Target List.pdf).