



SHORELINE SURVEYS LTD
 Hydrographic - Geophysical - Topographic

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TITLE:
 Bathymetric & side scan sonar survey within the Isles of Scilly: St Mary's Harbour - including Porthloo

CLIENT:
 Duchy of Cornwall - Harbour Authority

PROJECT:
 2022 check survey

Project No: J2042 Scale: 1:1500 Date: 30.05.22 Surveyed by: EF
 Drawing No: 03/04 Drawn by: TC,PL Checked by: EF

NOTES/REVISIONS:
 Contours are only indicative of bed topography and should be treated as such.
 These data is approximate and should be treated as such.
 33 Mooring buoy - positioned at request of Harbour Master - i.e. not all harbour.

DO NOT SCALE
 COPYRIGHT

MULTIBEAM SURVEY
 Coordinated in OSGB36 using OSTN15.
 Depths below Chart Datum (CD) in metres.
 CD datum as 2.91 metres below Ordnance Datum Newlyn (ODN).
 RTK GNSS, tidal and IMU data post-processed using PostPac RMS.
 Soundings sorted at 6.0 metre intervals using IHO rounding rules.
 Contours at 0.25 metre intervals.
 Survey coverage is not 100%.
 Bed mounted obstructions are not certainly detected.

SIDE SCAN SONAR SURVEY
 Side scan data used to validate rocks, shallow features and obstructions which are present in the multibeam data.
 Sub-sea obstructions are not detected.
 Side scan sonar survey line spacing: Typically 30metres.
 Side scan sonar operated at 325kHz, typically 50 metre range.
 Side scan sonar survey limit (seaward of this line)

Areas of dense vegetation and/or rocks. Soundings in these areas have lower confidence values.

