



Depth colour key:

< -3.00
-3.00 - -2.76
-2.75 - -2.51
-2.50 - -2.26
-2.25 - -2.01
-2.00 - -1.76
-1.75 - -1.51
-1.50 - -1.26
-1.25 - -1.01
-1.00 - -0.76
-0.75 - -0.51
-0.50 - -0.26
-0.25 - -0.01
0.00 - 0.24
0.25 - 0.49
0.50 - 0.74
0.75 - 0.99
1.00 - 1.24
1.25 - 1.49
1.50 - 1.74
1.75 - 1.99
2.00 - 2.24
2.25 - 2.49
2.50 - 2.74
2.75 - 2.99
3.00 - 3.24
3.25 - 3.49
3.50 - 3.74
3.75 - 3.99
4.00 - 4.99
5.00 - 9.99
>= 10.00

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 Quay

CLIENT: Duchy of Cornwall - Harbour Authority

PROJECT: 2022 check survey

Project No: J2042 **Scale:** 1:375 **Date:** 30.05.22 **Surveyed by:** EF
Drawing No: 01/04 **Checked by:** EF

NOTES/REVISIONS:
Contours are only indicative of bed topography and should be treated as such.
Show data is approximate and should be treated as such.
Possible rock identified within Scullion berth. Approximately 10m in length of 10m or more. Noisy bottom in region of 33m depth have been presented. See appendix for more detail.
DO NOT SCALE

MULTIBEAM SURVEY
Coordinated in ODN15.
Depths below Chart Datum (CD) in metres.
CD taken as 2.91 metres below Ordnance Datum Newlyn (ODN).
RTK GNSS, tidal and IMU data post-processed using PostPAC MMS.
Soundings sorted at 1.5 metre intervals using IHO rounding rules.
Contours at 0.25 metre intervals.
3.9m contouring contour shown in red.
Survey coverage is not 100%.
Bed mounted obstructions are not certainly detected.
Client defined harbour contouring depth contour (3.9m CD)

SIDE SCAN SONAR SURVEY
Side scan sonar survey line spacing: Typically 30 metres.
Side scan sonar operated at 325kHz, typically 50 metre range.
Side scan sonar survey line (seaward of the line)
Areas of dense vegetation and/or rocks. Soundings in these areas have lower confidence values.