183400 E

183500 E

183600 E

183700 E

43300 N

43200 N

43100 N

Sunny Corner

Lighterage Quay

N

SCALE
100 Metres

20 M

# SHORELINE SURVEYS LTD

Hydrographic — Geophysical — Topographic

Moreford Hall, Moreton, Dorchester, Dorset DT2 8BA
Telephone: +44 1305 848821 or +44 7950 038317
email@shorelinesurveys.com – www.shorelinesurveys.com

TITLE: UAS LiDAR Bathymetric Infill Survey of Sunny Corner Reach, Truro River

CLIENT: Cornwall Council

PROJECT: Annual Hydrographic Survey

| Project No: J2293 | Scale: | Date: | Surveyed by: EF |
|---|---|---|---|
| Drawing No: 01 | 1:500 | 26.10.23 | Drawn by: PL |
| | | | 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.

DO NOT SCALE
COPYRIGHT

## BATHYMETRIC SURVEY

Coordinated in OSGB36 using OSTN15.

UAS LiDAR data was combined with J2285 multibeam data (21.09.23).

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 PosPAC MMS.

Soundings sorted at 2.0 metre intervals using IHO rounding rules.

Contours at 0.5 metre intervals.

Survey coverage is not 100%.

Bed mounted obstructions are not certainly detected.

J2285 Multibeam data extent

CORNWALL COUNCIL

Depth Colour Key:

| |
|---|
| < -4.00 |
| -4.00 - -3.76 |
| -3.75 - -3.51 |
| -3.50 - -3.26 |
| -3.25 - -3.01 |
| -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 |