182800 E
182900 E
183000 E
44800 N
44700 N
44600 N
44500 N

SHORELINE SURVEYS LTD

Hydrographic — Geophysical — Topographic

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TITLE: Multibeam Bathymetric and UAS LiDAR Survey of Truro River, Truro Harbour Office

CLIENT: Cornwall Council

PROJECT: Check Survey

Project No: J2435	Scale:	Date:	Surveyed by: TG,MF
Drawing No: 03	1:500	16.09.24	Drawn by: CB,SHB
			Checked by: TG

NOTES/REVISIONS:
Contours are only indicative of bed topography and should be treated as such.
Pontoons and piles positioned via LiDAR survey conducted on 19.09.24.
Shore data is client supplied.
Survey extents

DO NOT SCALE

CORNWALL COUNCIL

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 2 metre intervals using IHO rounding rules.
Contours at 0.25 metre intervals.
Survey coverage is not 100%.
Bed mounted obstructions are not certainly detected.

MULTIBEAM SURVEY

Multibeam echosounder: Norbit iWBMS.
Positioning & IMU: Norbit iWBMS & Applanix Wavemaster II.
Operational frequency: 400kHz.
RTK GNSS, tidal and IMU data post-processed using PosPAC MMS.
Coverage was collected at 200%.

UNMANNED AERIAL SYSTEM LIDAR SURVEY

LiDAR: DJI Zenmuse L1.
Aerial platform: DJI Matrice 300 RTK
Scan rate: 180,000 pts/s | Return mode: Dual.
RTK GNSS and IMU data post-processed using DJI Terra.
For further information please refer to the supplied metadata.

Depth Colour Key:
<-3.75
>= -1.50

SCALE
100 Metres
20 M