

**SHORELINE SURVEYS LTD**  
Hydrographic — Geophysical — Topographic

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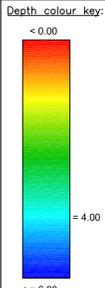
**TITLE:** Multibeam Bathymetric Survey of Weymouth Harbour — Northern Marina

**CLIENT:** Weymouth Harbour Authority

**PROJECT:** 2025 Annual Harbour Survey

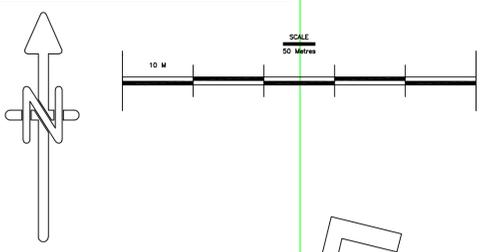
**Project No:** J2613 **Scale:** 1:500 **Date:** 23.10.25 **Surveyed by:** SWAR  
**Drawn by:** RC **Checked by:** TM

**NOTES/REVISIONS:**  
Contours are only indicative of bed topography and should be treated as such.  
Pointings and piles positioned via LIDAR survey on 28.10.24 — needs for Dean & Redgiff Marina which is approximate.  
Shore data is client supplied.  
Blue section of the colour bar represents depths of over 4m CD.  
DO NOT SCALE  
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**SURVEY NOTES**  
Coordinated in OSGB36 using OSTN15.  
Depths below Chart Datum (CD) in metres.  
CD taken as 0.93 metres below Ordnance Datum Newlyn (ODN).  
Soundings sorted at 3 metre intervals using IHO rounding rules.  
Contours at 0.25 metre intervals.  
Survey coverage is not 100%.  
Bed mounted obstructions are not certainly detected.

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



NOT TO BE USED FOR NAVIGATION

