

**SHORELINE SURVEYS LTD**  
Hydrographic - Geophysical - Topographic

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

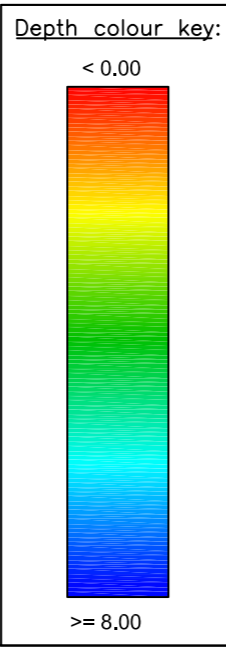
**CLIENT:** Weymouth Harbour Authority

**PROJECT:** 2024 Annual Harbour Survey

**Project No:** J2461 **Scale:** 1:500 **Date:** 29.10.24 **Surveyed by:** SHB/JW  
**Drawn by:** SHB **Checked by:** TG

**NOTES/REVISIONS:**  
Contours are only indicative of bed topography and should be treated as such.  
Portlights and piles positioned via LIDAR survey on 23.10.24 - except for 'Dead & Reddy' which is approximate.  
Shore data is client supplied.

DO NOT SCALE  
COPYRIGHT  
Weymouth Harbour

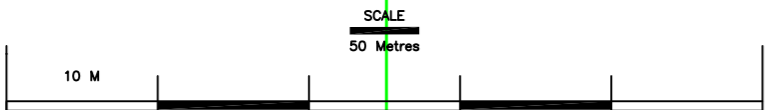
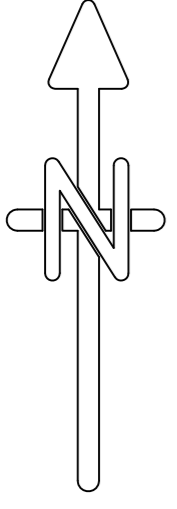


**MULTIBEAM SURVEY**  
Coordinated in 050826 using GNSS/RTK.  
Depths below Chart Datum (CD) in metres.  
CD taken as 0.93 metres below Ordnance Datum Newlyn (ODN).  
RTK GNSS, tidal and MU data post-processed using PostPac MMS.  
Soundings sorted at 3 metre intervals using IHO rounding rules.  
Contours at 0.5 metre intervals.  
Survey coverage is not 100%.  
Bed mounted obstructions are not certainly detected.

**SIDE SCAN SONAR SURVEY**  
Side scan sonar: OMS CM2.  
Positioning: North (NMEA).  
Operational frequency: 325 MHz | Range: 50-75 metres.  
Dimensions are approximate.  
Only targets of 0.3 metres in height or greater have been interpreted.  
Sub-seabed obstructions are not detected.  
Line spacing: 30 metres.

Object with ID number (top) & height relative to seabed (below).  
Please see target list for more information (J2461 Side Scan Sonar Target List.pdf).

--- Limits of side scan sonar survey.  
[---] Est. gross border - soundings within this area are uncertain.



79100 N  
79000 N  
78900 N

79200 N  
79100 N  
79000 N  
78900 N

367700 E CR 2.4m 367800 E

Sluices Foot Bridge Normal Tidal Limit

Mean High Water

1.8m

Club

Slipway

Sheet 2

Sunken Tender

367600 E 367700 E 367800 E

NOT TO BE USED FOR NAVIGATION