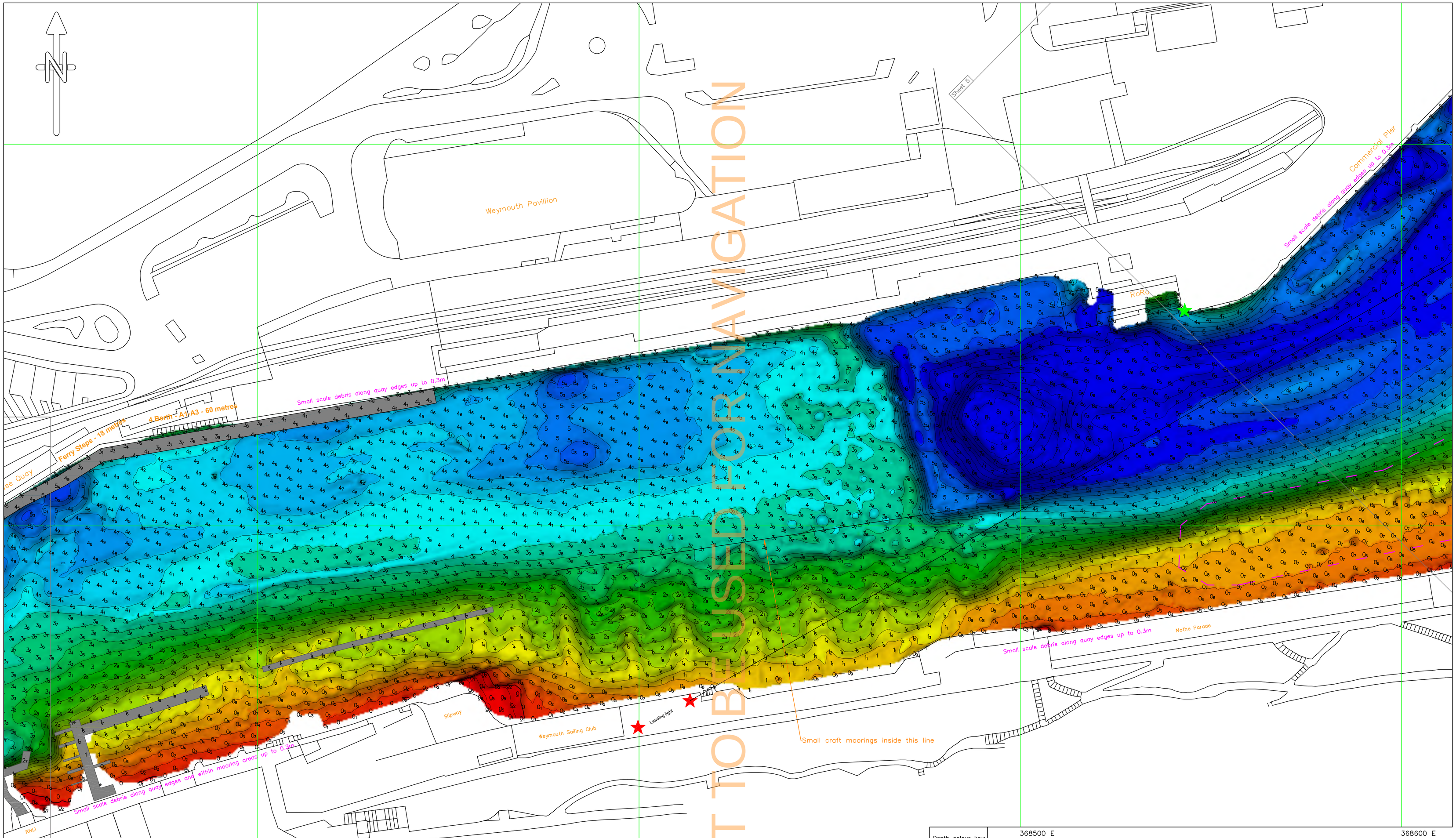

Depth colour key:

< 0.00

= 4.00

>= 6.00

SHORELINE SURVEYS LTD

Hydrographic — Geophysical — Topographic

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

TITLE: Multibeam Bathymetric Survey of Weymouth Harbour — Commercial Port Area — Interpreted Seabed as Bottom of Eelgrass

CLIENT: Weymouth Harbour Authority

PROJECT: 2025 Annual Harbour Survey

Project No: J2613	Scale:	Date:	Surveyed by: SW,AR
Drawing No: 04	1:500	23.10.25	Drawn by: RC Checked by: TM

NOTES/REVISIONS:
Contours are only indicative of bed topography and should be treated as such.
Pontoons and piles positioned via LIDAR survey on 06.11.24 - except for Bean & Redshaft Marina which is approximate.
Shore data is client supplied.
Blue section of the colour bar represents depths of over 4m CD.
Eelgrass border - bottom of weed soundings within this area are uncertain.

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