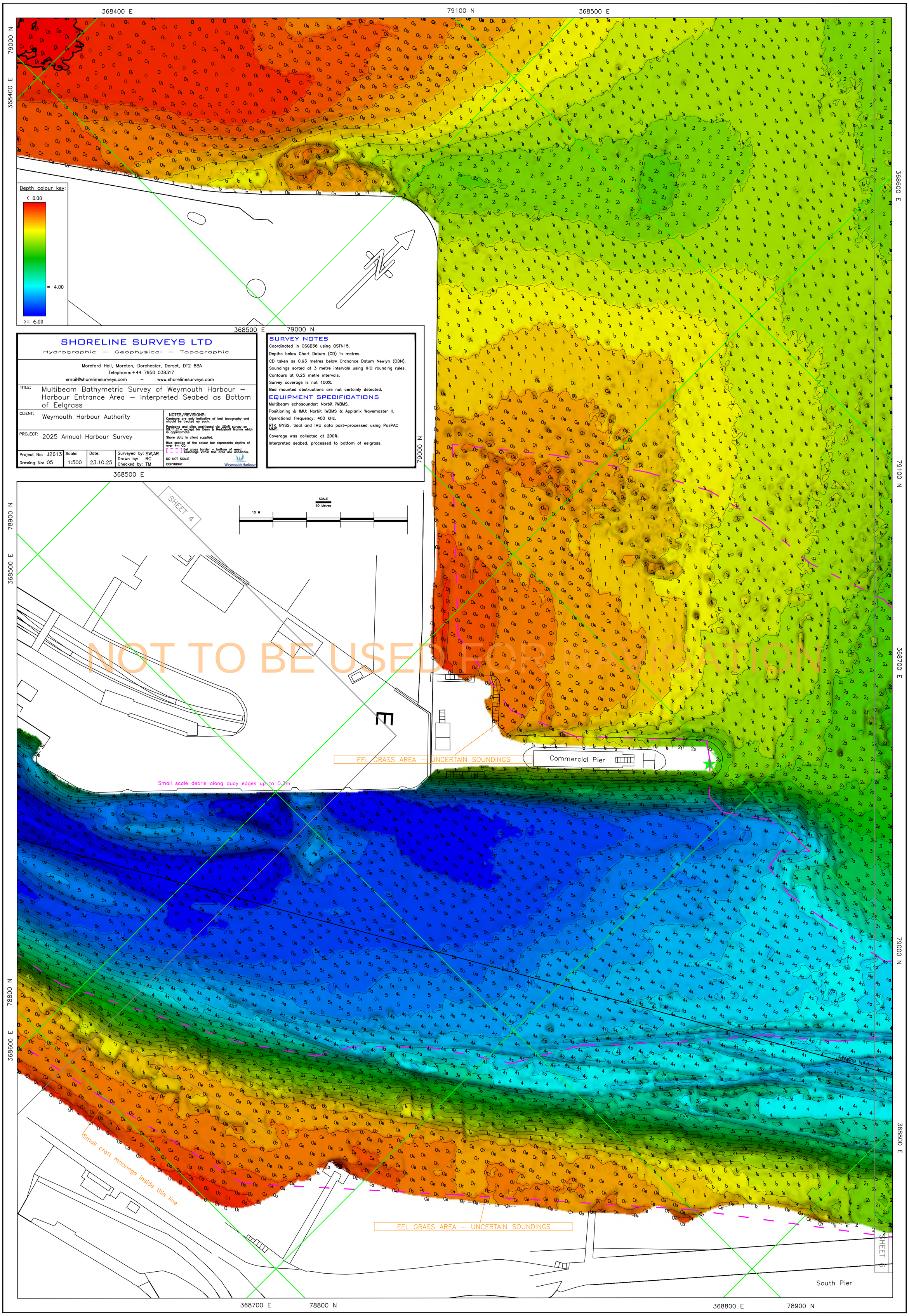
368400 E
79100 N
368500 E
79000 N
368600 E
79100 N
368700 E
79000 N
368800 E
78900 N
368500 E
78800 N
368600 E
368700 E
78800 N
368800 E
78900 N
Depth colour key:
< 0.00
= 4.00
>= 6.00
SHORELINE SURVEYS LTD
Hydrographic — Geophysical — Topographic
Moreford Hall, Moreton, Dorchester, Dorset, DT2 8BA
Telephone: +44 7950 038317
email@shorelinesurveys.com — www.shorelinesurveys.com
TITLE: Multibeam Bathymetric Survey of Weymouth Harbour — Harbour Entrance Area — Interpreted Seabed as Bottom of Eelgrass
CLIENT: Weymouth Harbour Authority
PROJECT: 2025 Annual Harbour Survey
Project No: J2613
Drawing No: 05
Scale: 1:500
Date: 23.10.25
Surveyed by: SW,AR
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 09.11.21— except for Dean & Reddyhoff Marina which is approximate.
Shore data is client supplied.
Blue section of the colour bar represents depths of over 4m CD.
Eel grass border — bottom of weed soundings within this area are uncertain.
DO NOT SCALE
COPYRIGHT
Weymouth Harbour
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.
SHEET 4
SCALE
10 M
50 Metres
NOT TO BE USED FOR NAVIGATION
EEL GRASS AREA — UNCERTAIN SOUNDINGS
Commercial Pier
Small scale debris along quay edges up to 0.3m
Leading light
Small craft moorings inside this line
EEL GRASS AREA — UNCERTAIN SOUNDINGS
SHEET 5
South Pier