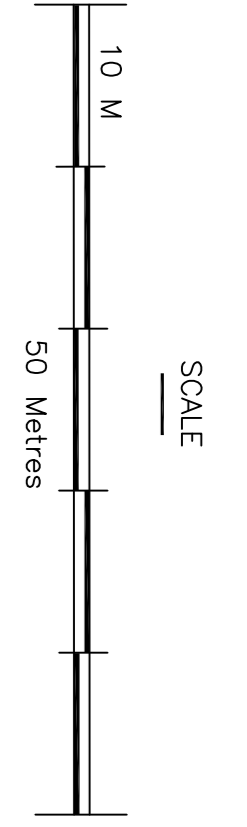


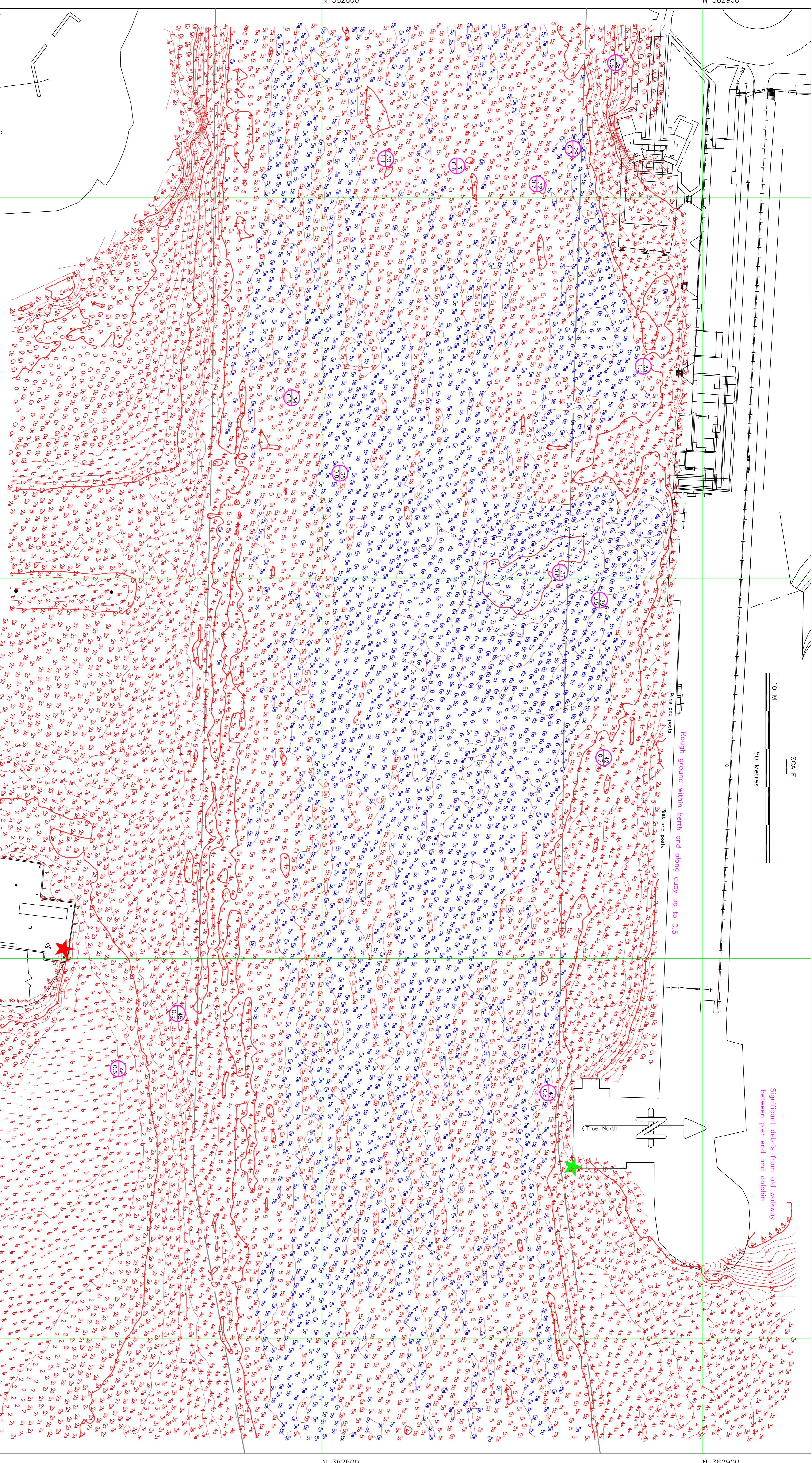
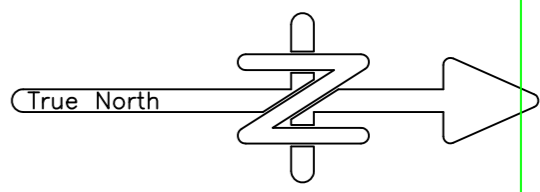
E 225300 E 225400 E 225500 E 225600



SCALE

Significant debris from old walkway between pier end and dolphin

Piles and posts
Rough ground within berth and along quay up to 0.5
Piles and posts



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TITLE
Inner Harbour (Easterly) — Area 1

CLIENT
Stena Line Ports Limited

PROJECT
July 2022 Annual Survey

Product No: J2005I **Scale:** 1:500
Drawing No: 04 **Date:** Jul 2022
Surveyed by: PL **Drawn by:** PL
Checked by: EF

NOTES/REVISIONS:
Date of last topography and soundings checked as such. Sound data is client supplied.
StenaLine

BATHYMETRIC SURVEY - MULTIBEAM AND SINGLE BEAM
Coordinated in OSGB36 using OSN15.
Depth below Chart Datum (CD) in metres.
CD taken as 3.05 metres below Ordnance Datum Newlyn (ODN).
RTK GNSS tidal andINU data post-processed using Pappac JMS.
Soundings stated at 2 metre intervals using HD rounding rules.
Contours at 0.5 metre intervals.
Survey coverage is not 100%.
Bed rounded obstructions are not certified detected.
Soundings in red are above dredge depth of 5.5 metres.

MBSSES - SIDE SCAN SONAR SURVEY
(SEE NOTE ->)
Dimensions are approximate.
Side-swept obstructions are not detected.
Multibeam side scan sonar operated at 400 MHz, various ranges. Multibeam side scan sonar (MSS) data is processed using Pappac JMS. Soundings are stated at 2 metre intervals using HD rounding rules. Contours at 0.5 metre intervals. Survey coverage is not 100%. Bed rounded obstructions are not certified detected. Soundings in red are above dredge depth of 5.5 metres.

Multibeam side scan sonar:
Data collected has been used to generate a bathymetric chart. Where necessary, the chart will be updated to reflect any changes to the seabed. The chart will be updated to reflect any changes to the seabed. The chart will be updated to reflect any changes to the seabed.
MBSSSES - SIDE SCAN SONAR SURVEY:
Dimensions are approximate. Side-swept obstructions are not detected. Multibeam side scan sonar (MSS) data is processed using Pappac JMS. Soundings are stated at 2 metre intervals using HD rounding rules. Contours at 0.5 metre intervals. Survey coverage is not 100%. Bed rounded obstructions are not certified detected. Soundings in red are above dredge depth of 5.5 metres.

N 382700 N 382800 N 382900 N 382900