

LEGEND:

GENERAL

- 1:1 M GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL
- Bathymetry (Bathymetry Depth)
- Bathymetry (Bathymetry Depth)
- WATER FATHOM METRES & DECIMETRES BELOW CHART DATUM
- Section C-D Design Depth: 14.60m (Without Tolerance)

NOTES:

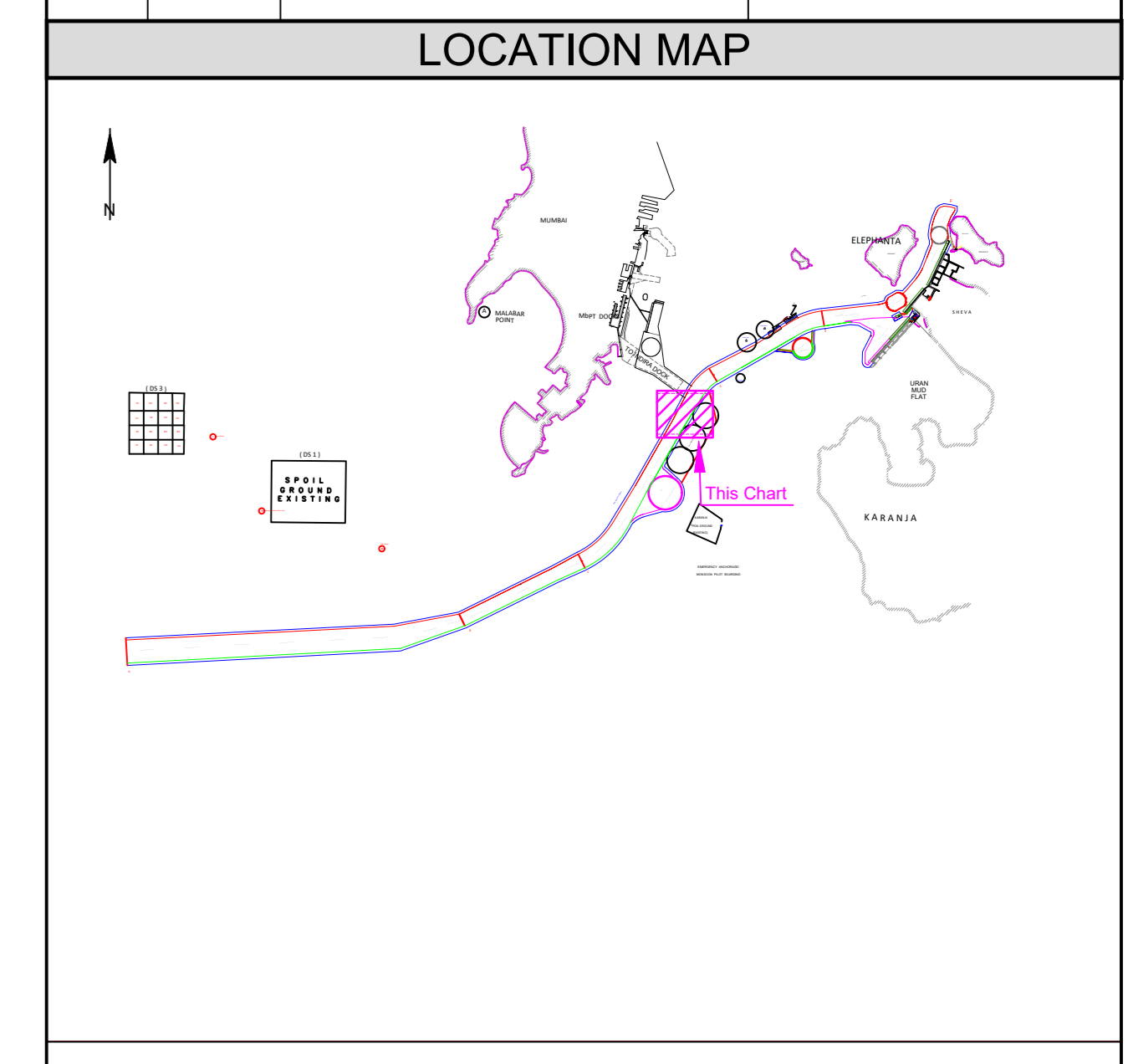
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
- POSITION FIXING WAS CONTROLLED BY GPS W/INS POSITIONING SYSTEM
- NORBIT 'MMS MULTIBEAM ECHOSOUNDING' WAS EMPLOYED TO CARRY OUT SURVEY
- OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, B'PX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
- BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 7.375 m ABOVE CHART DATUM. B'PX + 6.20m, BUNK ROCK + 9.80m
- POB W/ INS WAS USED TO COMPENSATE SEA SWELL
- SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING
- ALMOST ALL SURVEYS ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW, DCI & VOPL
- ALL PLOTTED DATA IN 10m GRID SIZE

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.257222103
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	79° E (Zone 48)
Latitude of Origin	0°
Falsc Easting	6000000 m
Falsc Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY
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PMC

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CONTRACTOR

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PROJECT

JOINT POST DREDGE SURVEY-MAY 2026 MULTI-BEAM BATHYMETRY SURVEYS IN NAVIGATIONAL AREA OF JN PORT NAVI MUMBAI & MUMBAI PORT CHANNEL WEST COAST OF INDIA FY 2025-26

BATHYMETRY CHART SECTION C - D
CHANGANE 21,800 - 23,400

SCALE

SCALE 1:2000

0m 100.0m 200.0m

Vessel: ME QUEEN	Survey Date: 09 & 10 May 2026	Authorized Signatory
Rev. No.	Date	Description
0	14/05/2026	Issued For Approval
Drawing No:	VOPL DCI NTPCW JNPA JNPA JNPA	P-Size AD
34.3652-JNPA-POST-CD-318	Chart	End