

LEGEND:

GENERAL
 1:11 GRID INTERSECTION (WGS84)
 GEOGRAPHICAL GRID SYSTEM (WGS 84)

KILOMETRE POST

MATCH LINE

TOE LINE OF CHANNEL

Bathymetry (Batho Design Depth)

WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

Emergency Anchorage Design Depth : 14.60m (Without Tolerance)

NOTES:

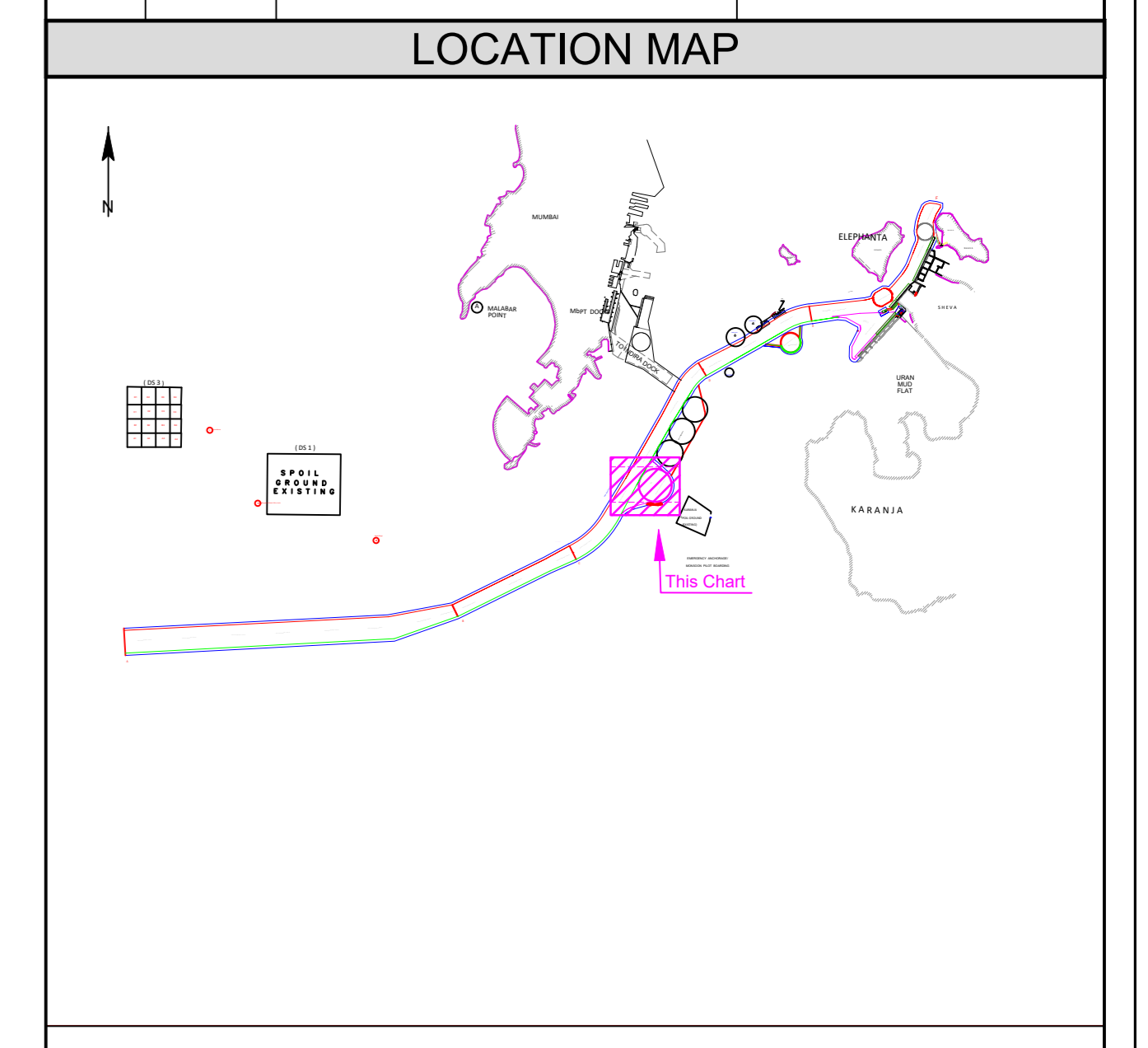
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "MR. QUEEN". POSITION FIXING WAS CONTROLLED BY GPS POSITIONING SYSTEM.
- 2) NORBIT JMM5 MULTIBEAM ECHOSOUNDING WAS EMPLOYED TO CARRY OUT SURVEYING.
- 3) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT APJA LANDING JETTY, B'PX AND SUNK ROCK.
- 4) SURVEY AREA JOINTLY CARRIED OUT BETWEEN - CLIENT IN CHARGE (ITM), DCI & VOPL.
- 5) BENCH MARK AT APJA LANDING JETTY (BOLLARD) IS 37.23m ABOVE CHART DATUM. B'PX - 6.70m.
- 6) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN CHARGE (ITM).
- 7) SURVEY AREA JOINTLY CARRIED OUT BETWEEN - CLIENT IN CHARGE (ITM), DCI & VOPL.
- 8) 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	298.257222101
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Falce Easting	600000 m
False Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description
0			



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY
 ADMINISTRATION BUILDING,
 SHEVA,
 NAVI MUMBAI - 400 707
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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 EMERGENCY ANCHORAGE

SCALE

SCALE 1:2500

0m 125.00m 250.00m

Vessel: MR. QUEEN Survey Date: 08.09.14th May 2026 Authorized Signatory

Rev. No.	Date	Description
0	2/25/2026	Issued For Approval

Drawing No: **34.3652-JNPA-POST-EA-322**

VOPL	DCI	NTCPWC	JNPA	JNPA	JNPA
Chart	Ent	Ent	Ent	Ent	P-Ent

DRAWN BY: [Signature]