

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WG84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL

Section A-B Maintained level : 15.60m (±15 cm Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM
- BATHYMETRY CONTOUR

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - PORTION FIRMS WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - CONSIDERING BATHYMETRY SURVEY WAS CONDUCTED TO CARRY OUT MESS SURVEY.
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JAWA LANDING JETTY. BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JAWA LANDING JETTY (BOLLARD) IS 3.75 m ABOVE CHART DATUM. BPX = 6.7m, Sunk Rock = 5.75m
 - WATER DEPTH BATHYMETRY SURVEY WAS CONDUCTED TO CARRY OUT MESS SURVEY.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN AUTOMATIC DRAWING.
 - ALL POST SURVEYS CARRIED OUT JOINTLY BETWEEN - JNPA, NTPCW (JMT), DCA & ISPL.
 - ALL PLOTTED DATA AT 10m x 10m GRID SIZE

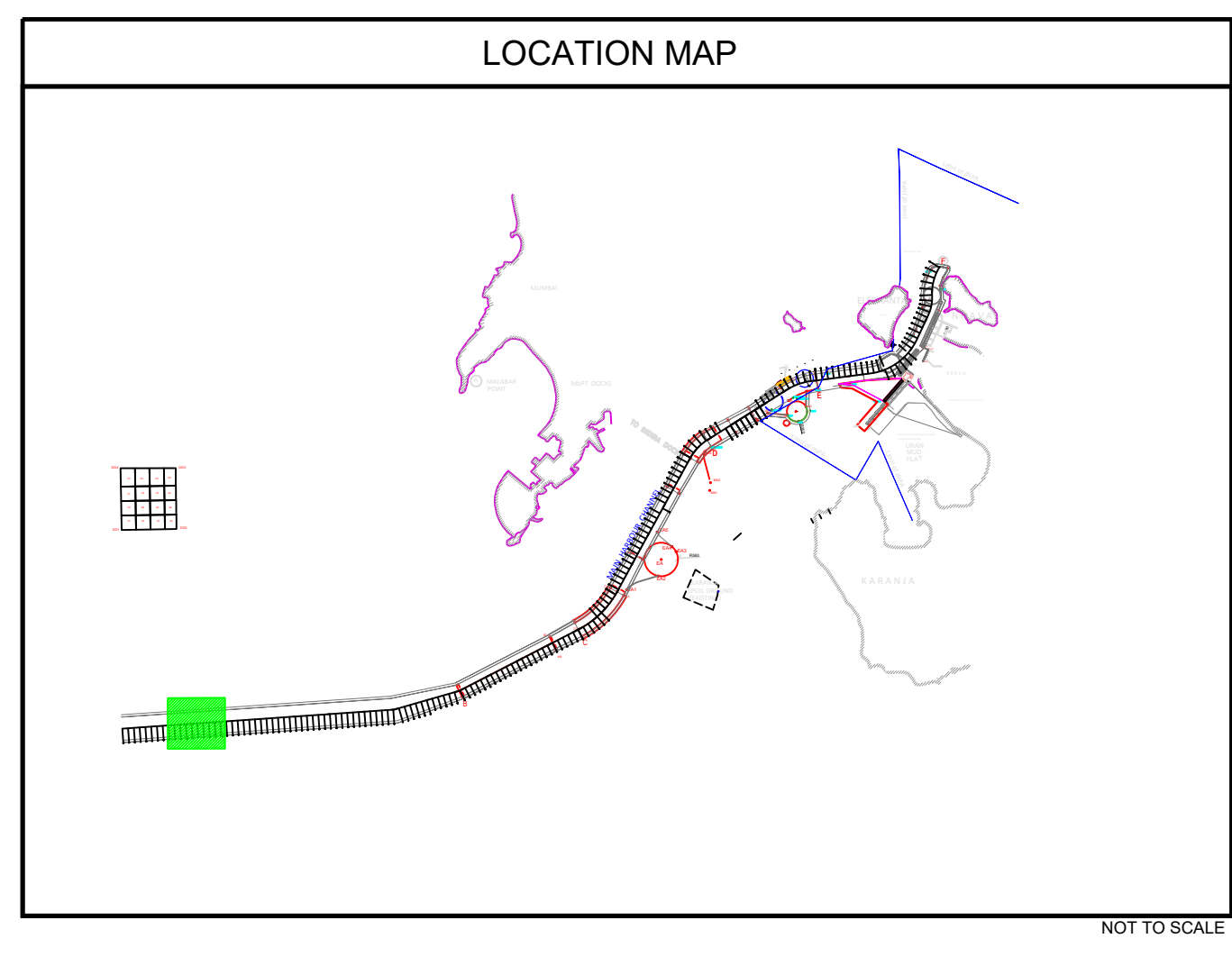
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WG84
GEOCENTRIC DATUM	WG84
ELLIPSOID	WG84
Semi major axis	6378137.000 m
Semi minor axis	6356583.814 m
Inverse flattening	298.2572235
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
False Easting	500000 m
False Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

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CONSULTANT

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PROJECT

JOINT POST SURVEY - MAR 2023
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2022-23

BATHYMETRY CHART (SECTION A-B)
CHARGE NO. 11.700 - 13.600

SCALE

HORIZONTAL SCALE 1 : 2000

40m 0m 40m 80m 120m 160m 200m

Vessel : ME QUEEN **Survey Date : 28th to 29th, 31st Mar to 02 Apr 2023** **Authorized Signatory**

Rev. No.	Date	Description
0	03-04-2023	Issued For Approval

Drawn by	Checked by	Project Charge	Approved by	Scale	Chart	Ends	P.S.No.
SN04EX-SUR-PO-135-AB							A0