

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL

Section B-C Maintained level: 15.40m (Without Tolerance)

BATHYMETRY

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

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPARATE ASTERIX POSITIONING SYSTEM
 - KONGSBERG EMOXAC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY.
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, BP&K AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BEACH MARK AT JNPA LANDING JETTY (DOLARU) IS 7.75m ABOVE CHART DATUM. BP&K + 6.70m, Sunk Rock + 5.70m.
 - MOTION SENSOR ON TOWS WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - ALL JNPT PORT SURVEYS WERE JOINTLY CARRIED OUT BY CLIENT - JNPA, IITM, DCG & ISDPL.
 - ALL PLOTTED DATA IN 10x10 m GRID SIZE.

GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM : WGS84

GEODETIC DATUM : WGS84

ELLIPSOID : WGS84

Semi major axis : 6378137.000 m

Semi minor axis : 6356752.314 m

Inverse flattening : 298.2572226

PROJECTION : Universal Transverse Mercator

Central Meridian (CM) Latitude of Origin : 75° E (Zone 43)

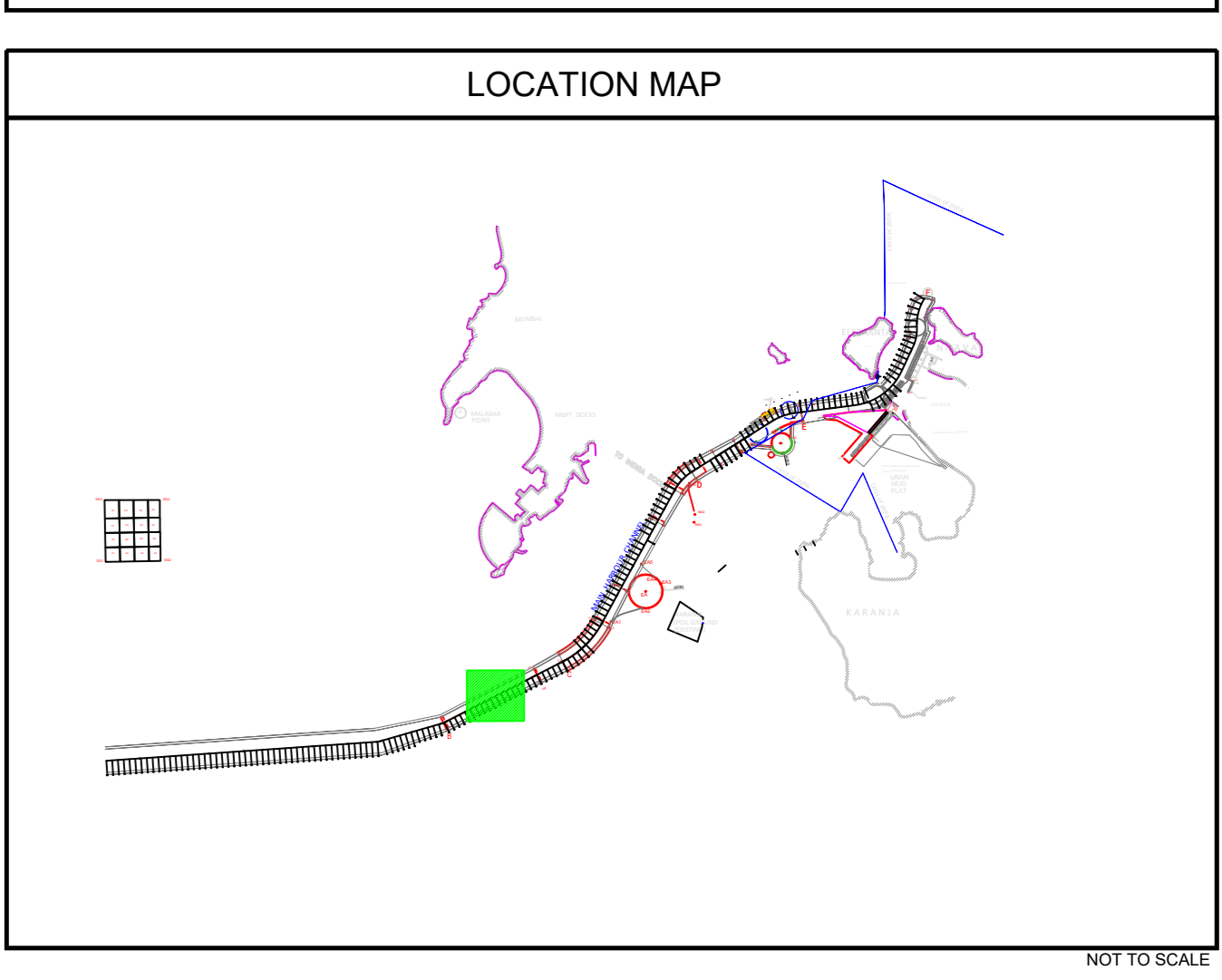
Fake Easting : 500000 m

Fake Northing : 0 m

Scale factor at CM : 0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

ADMINISTRATION BUILDING,
SHEVA
NAVI MUMBAI - 400 707
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CONSULTANT

**NATIONAL TECHNOLOGY CENTRE FOR PORTS
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CONTRACTOR

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PROJECT

**JOINT POST SURVEY
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2021-22**

**BATHYMETRY CHART (SECTION B-C)
CHANNEL: 12.800 - 14.400**

SCALE

HORIZONTAL SCALE 1:1000

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

Vessel: ME QUEEN Survey Date: 02/09/2022 Authorized Signatory

Rev. No.	Date	Description
0	27-04-2022	Issued For Approval

Drawing No: 9940-SUR-PO-125-BC

Chart	Ent	P/Rev	AS