

LEGEND:

GENERAL

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

BATHYMETRY

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

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "NE QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM.
 - 3) KONGBERG EM2040C MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO LARRY OUT MBES SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT ANPA LANDING JETTY, BP&M DIK AND DIK RIVER USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT ANPA LANDING JETTY (BOLLARD) IS 3.735 ABOVE CHART DATUM. B.P.M. = 6.70m, Sunk Rock = 5.83m.
 - 6) MOTION SENSOR ON OCEANS WAS USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - 8) ALL JON POST SURVEYS WHERE JONITLY JY CARRY OUT BY ANPA, IITA, CD& ISPL.
 - 9) ALL PLOTTED DATA IN 10x10m GRID SIZE.

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM

- WGS84

GEODEIC DATUM

- ELLIPSOID
- WGS84
- Semi major axis
- 6378137.0 m
- Inverse flattening
- 298.257222101

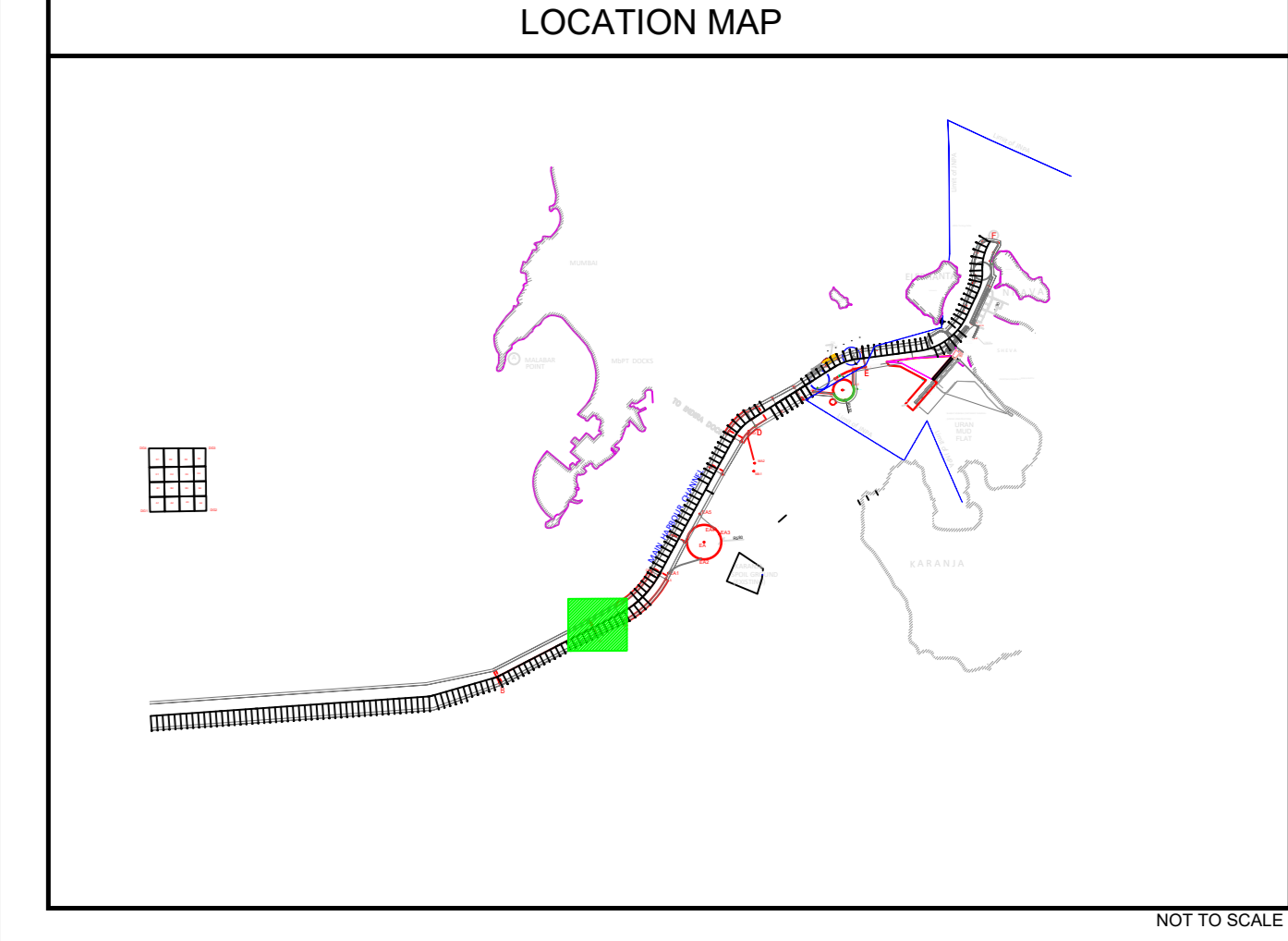
PROJECTION

- Universal Transverse Mercator
- Central Meridian (Cm)
- 75° E (Zone 43)
- Latitude of Origin
- 0°
- Falsc Easting
- 500000 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
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)
CHANNELAGE 14.00 - 15.00**

SCALE

HORIZONTAL SCALE 1 : 2500

Survey Date: 26th Apr 2022

Rev. No.	Date	Description	Authorised Signatory
0	27.04.2022	Issued For Approval	

Drawing No: 5940-SUP-124-PC

Chart: Encl: P:SE: AD