

LEGEND:

GENERAL

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

Section A-B Maintained level : 15.60m (Without Tolerance)

BATHYMETRY

- WATER DEPTHS IN METRES & DECIMITRES BELOW CHART DATUM
- BATHYMETRY CONTOUR

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRION ASTER POSITIONING SYSTEM
 - 3) KONGSBERG EMOAC M&T BEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BMS SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, BPS AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT JNPA LANDING JETTY (BSLARK) IS 7.375 ABOVE CHART DATUM. BPS @ 6.70m, Sunk Rock @ 5.730m.
 - 6) MOTION SENSOR AXES WAS USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - 8) ALL JOINT POST SURVEYS WERE JOINTLY CARRIED OUT BY INPA, JTA, D&I&P.
 - 9) ALL PLOTTED DATA IN 10x10 m GRID SIZE.

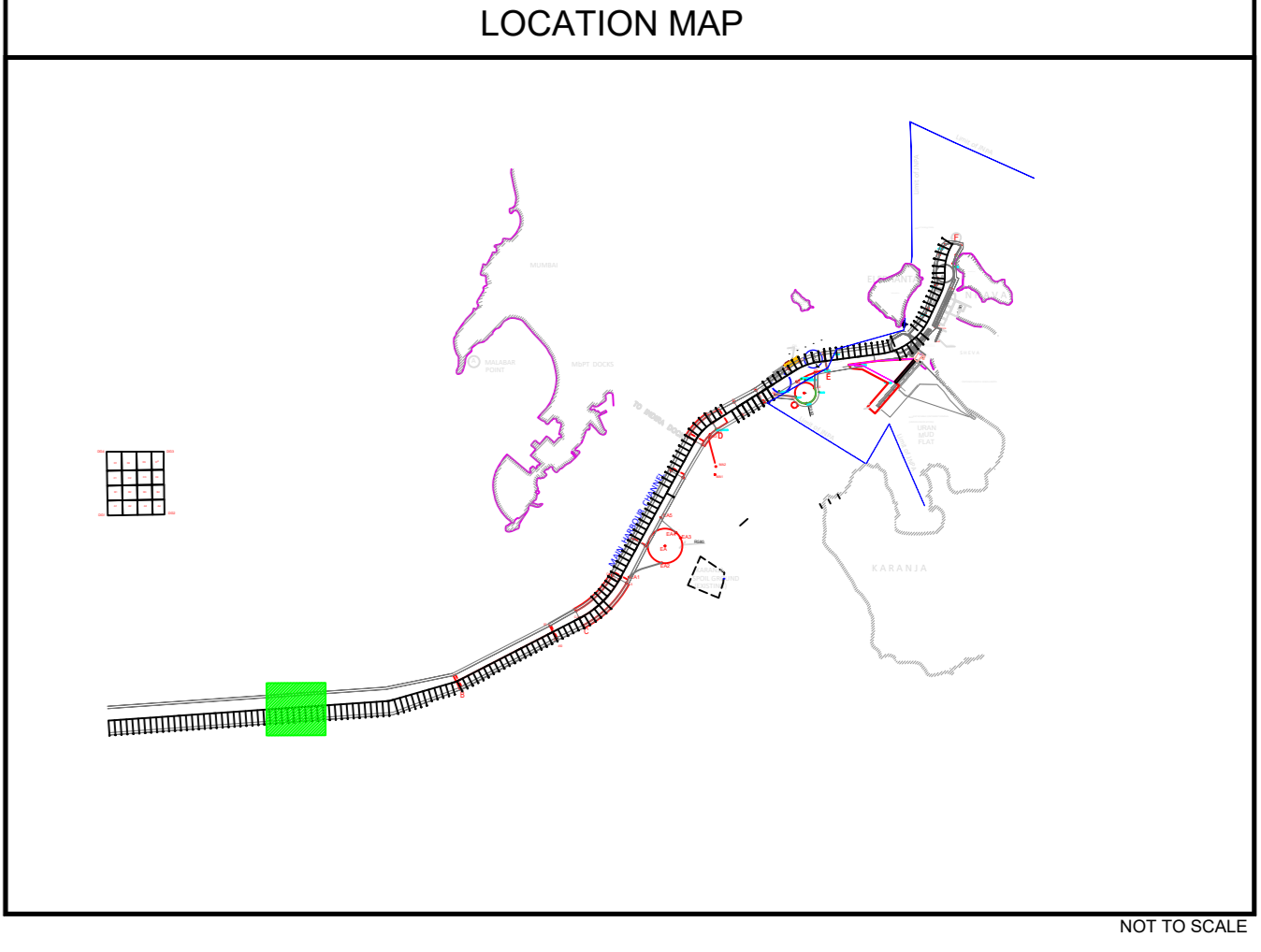
GEOETIC PARAMETERS

HORIZONTAL COORDINATE SYSTEM	WGS84
GEOETIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.0 m
Semi minor axis	6356752.314 m
Inverse flattening	298.25722356
Projection	Universal Transverse Mercator
Centre Meridian (CM)	75° E (Zone 43)
LATITUDE COR.	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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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 A-B)
 CHANGAGE 05.400 - 07.000**

SCALE

HORIZONTAL SCALE 1 : 2000

Wessel : ME QUEEN Survey Date: 7th, 8th, 11th & 15th May 2022 Authorized Signatory

Rev. No.	Date	Description	Prepared	Checked	Project-Engineer	Project-Manager	Client	Manager
0	16-05-2022	Issued For Approval						

Drawing No: 5940-SUR-PO-129-AB