

LEGEND:

GENERAL

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

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

BATHYMETRY

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

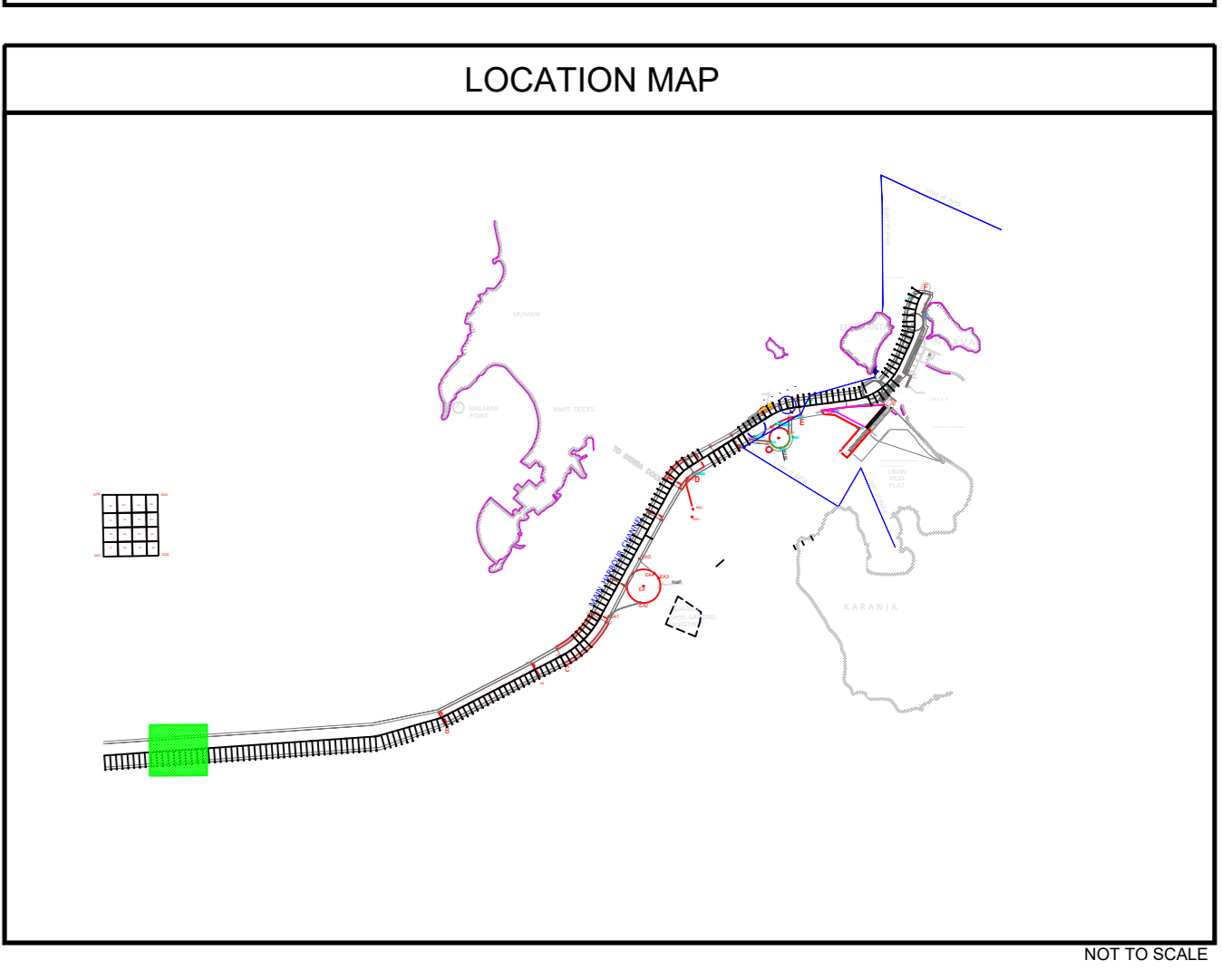
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTEMIOTR ASTERIX POSITIONING SYSTEM
 - KONGSBERG EMODAC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BUBBLE SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT APYLA NAVIGATION JETTY. BPK AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT APYLA NAVIGATION JETTY (BOLLARD) IS 7.275 ABOVE CHART DATUM. BPK = 6.70m, Sunk Rock = 5.75m.
 - MOTION SENSOR DECKS WAS USED TO COMPENSATE SEA WAVE.
 - SURVEY AREA COORDINATES WERE PROVIDED BY CLIENT IN ACAD DRAWING
 - ALL JOINT POST SURVEYS WHERE JOINTLY CARRIED OUT BETWEEN - JNPA, IITD, DCO & DRPL.
 - ALL PLOTTED DATA IN 10x10 m GRID SIZE.

GEOETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEOETIC DATUM	WGS84
ELLIPSOID	WGS84
SEMI MAJOR AXIS	6378137.000 m
SEMI MINOR AXIS	6356752.314 m
FLATTENING	298.2572356
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Falsc Easting	500000 m
False 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
WATERWAYS AND COASTS
IIT MADRAS**

CHENNAI - 600 036
TEL - 91 44 22578015

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED

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PROJECT

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

**BATHYMETRY CHART (SECTION A-B)
CHANGAGE 01.800 - 03.400**

SCALE

HORIZONTAL SCALE 1 : 2000

Scale: 0m 40m 80m 120m 160m 200m

Vessel: ME QUEEN **Survey Date:** 7th, 08th, 11th & 15th May 2022 **Authorized Signatory:**

Rev. No.	Date	Description
0	16-05-2022	Issued For Approval

Drawing No: 5940-SUR-PO-131-A-6