

LEGEND:

GENERAL

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

Section D-E Maintained level: 14.40m (+15 cm Tolerance)
Section C-D Maintained level: 14.60m (+15 cm Tolerance)

BATHYMETRY

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

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "M QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTEMBER ASTERIX POSITIONING SYSTEM
 - 3) KONGBERG ENERGIS MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT ABEES SURVEY
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT ANPA LANDING JETTY, BP&S AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) BENCH MARK AT ANPA LANDING JETTY (BOLLARD) IS 7.375 m ABOVE CHART DATUM. BPL = 6.70m, Sunk Rock = 5.760m
 - 6) MOTION SENSOR OCTANUS WAS USED TO COMPENSATE SEA SWELL
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING
 - 8) ALL JOINT POST SURVEYS CARRIED OUT JOINTLY BETWEEN -JNPA, NTPCW (JTM), DCI & ISPL
 - 9) ALL PLOTTED DATA IN 10m x 10m GRID SIZE

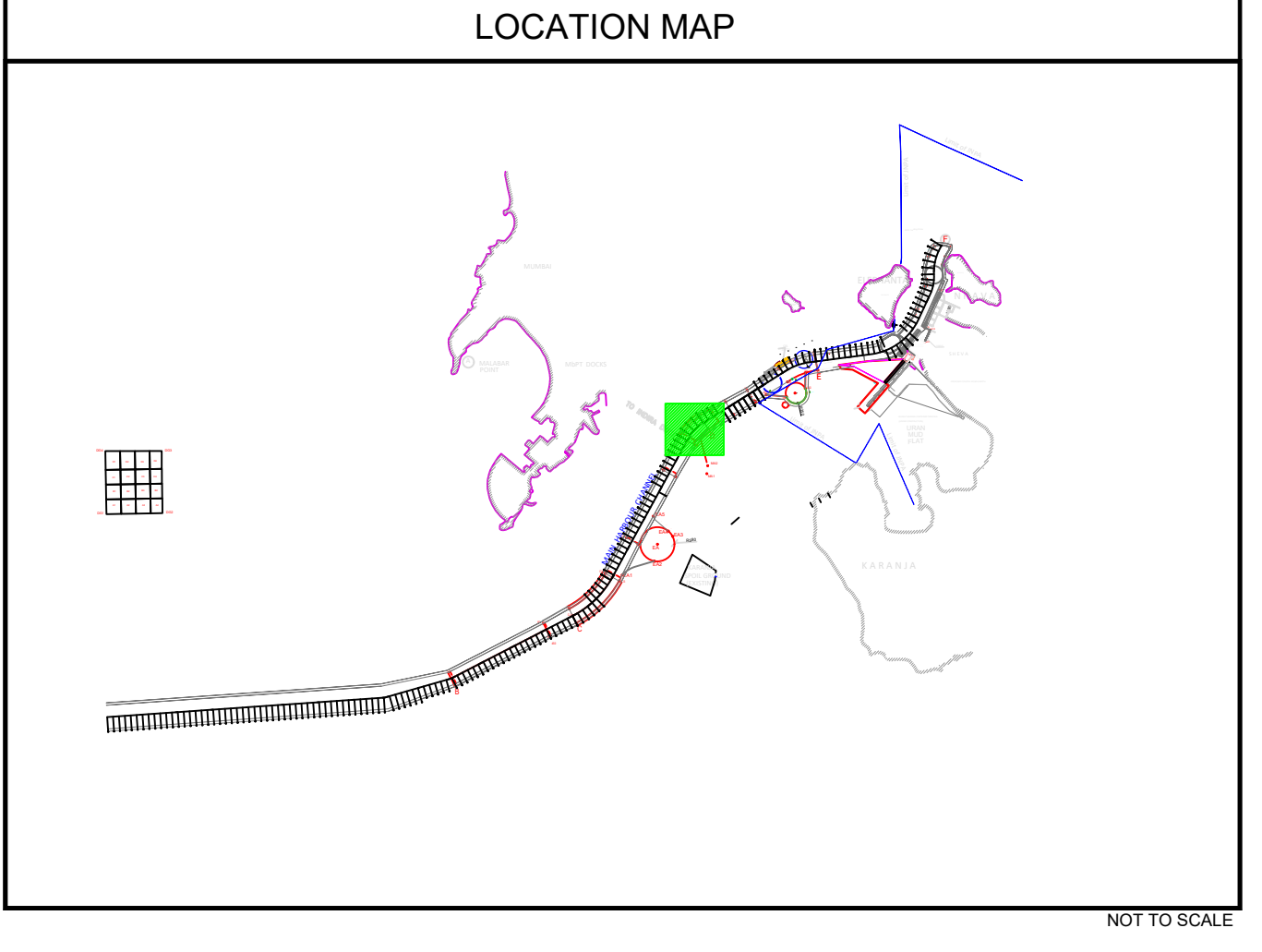
GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
CHART DATUM	WGS84
Ellipsoid	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.2572236
Reference ellipsoid	Unadjusted Transverse Meridian
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Fals Easting	500000 m
Fals Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

This is the Sole Property of Dredging Corporation of India Limited. Unauthorised Use Of This Document in Any Form Whereinsoever is Prohibited.



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

ADMINISTRATION BUILDING,
SHEVA,
NAVY MUMBAI - 400 707
Tel. : 022 6781 4156/6781 4154 , Fax. : 022 6781 4178

CONSULTANT

NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS
IIT MADRAS
CHENNAI - 600 036
TEL : +91 44 22878915

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED

DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMADHARA,
VISASAPATNAM - 530 022
ANDHRA PRADESH STATE, INDIA
TEL: +91 0891-2523250 - +91 0891-2871230

SUB-CONTRACTOR

INTERNATIONAL SEAPORT DREDGING PVT LTD.
Ocean Square Plot No. 2-C(S.P)
Thiruvananthapuram Industrial Estate
Gundy, Chennai - 600032.
Tel Fax : +91(0)44 43 12 99 01

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 C-D)
CHANNELAGE 23,400 - 25,000

SCALE

HORIZONTAL SCALE 1 : 2000

Version: M-QUEEN
Survey Date: 12th to 16th, 20th Mar & 01 April 2023
Authorised Signatory:

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

Drawing No: 5940EX-SUR-PO-121-CD
Chart: EN
End: AD
P Size: AD