

LEGEND:

GENERAL

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

Section A-B Maintained level: 15.60m (+15 cm Tolerance)

BATHYMETRY

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

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "THE QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM REPTERIO AIRPORT POSITIONING SYSTEM
 - KONGSBERG EMACON MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BATHYMETRY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BPSX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 7.375 m ABOVE CHART DATUM. BPSX = 6.70m, Sunk Rock = 5.78m
 - AUTON SENSOR OCTANS WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - ALL JOINT POST SURVEYS CARRIED OUT JOINTLY BETWEEN -JNPA, NTPCW (ITM), DCI & ISPL.
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

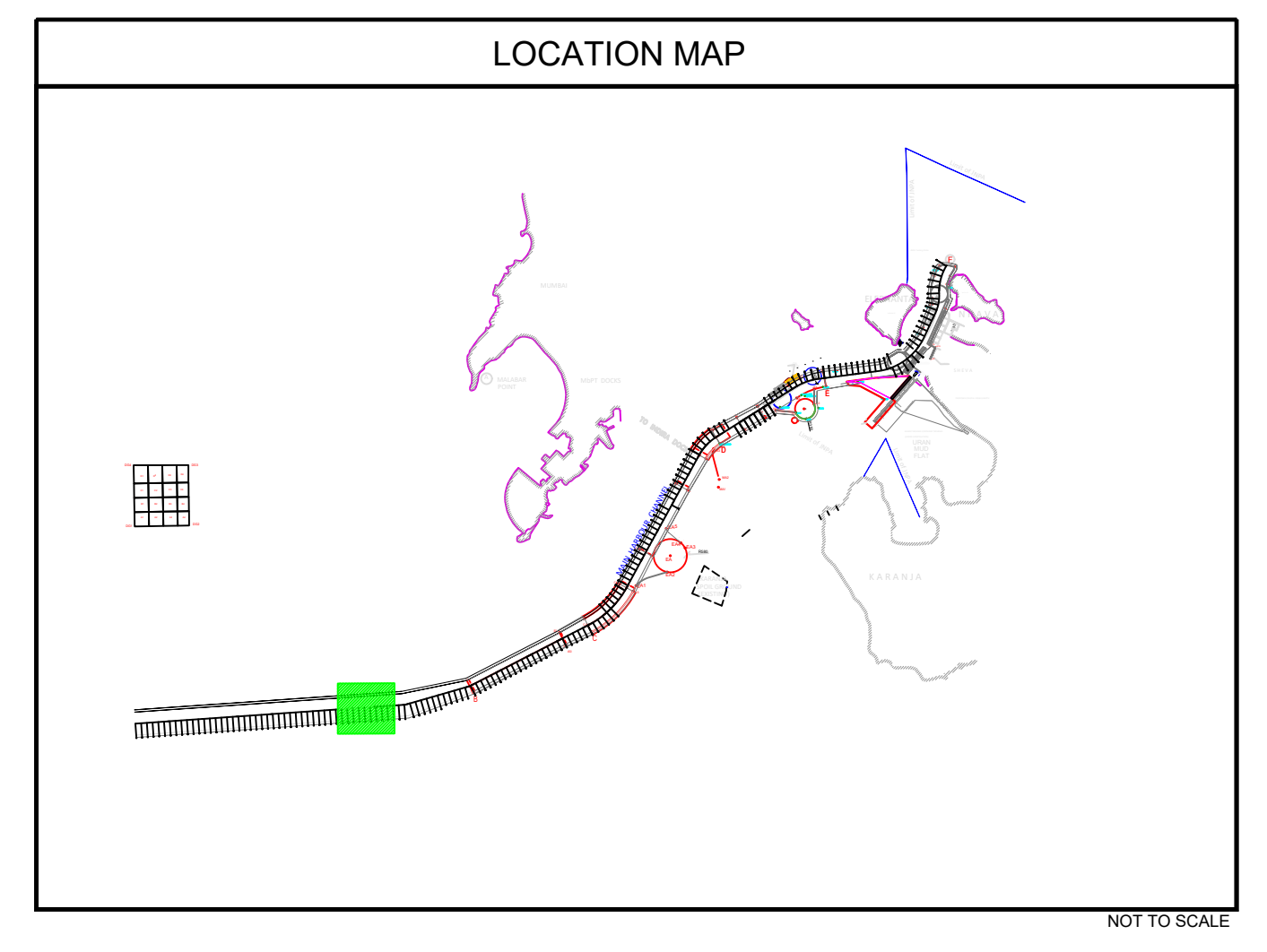
GEODEIC PARAMETERS

HORIZONTAL COORDINATE SYSTEM	WGS84
VERTICAL 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)	75° E (Zone 43)
Latitude of Origin	0°
Falsse Easting	500000 m
Falsse 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 Wherever is Prohibited.



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY
 ADMINISTRATION BUILDING,
 SHEVA,
 NAVI MUMBAI - 400 707
 Tel. : 022 6781 4156/ 6781 4154, Fax: 022 6781 4178

CONSULTANT

NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS
IT MADRAS
 CHENNAI - 600 036
 TEL : +91 44 22578915

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED
 DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHARA,
 VISAKHAPATNAM - 530 022
 ANDHRA PRADESH STATE, INDIA
 TEL : +91 0891-2523250 - +91 0891-2871230

SUB-CONTRACTOR

INTERNATIONAL SEAPORT DREDGING
 Ocean Square Plot No 2-(CIS-P)
 Thiruwa Industrial Estate
 Guindy, Chennai - 600032.
 Tel: +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 A-B)
 CHAINAGE: 07.200 - 09.000

SCALE

HORIZONTAL SCALE 1 : 2000

Vessel: ME QUEEN Survey Date: 03th Mar to 04th Apr 2023 Authorized Signatory: _____

Rev. No.	Date	Issued For Approval
0	03.04.2023	Despatched

Drawing No: 5400EX-SUR-PO-132-a8

--	--	--	--	--	--	--	--	--	--

Chart: 5400EX-SUR-PO-132-a8 P-Size: A0