

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCHLINE
- TOE LINE OF CHANNEL
- BMCT Maintained level : 14.40m (+15 cm Tolerance)
- BMCT Berth Pocket Maintained Level : 16.20m (+15 cm Tolerance)
- Section E of Berth Pocket Maintained Level : 16.20m (+15 cm Tolerance)
- Manoeuvring area Maintained Level : 15.20m (+15 cm Tolerance)
- BMCT Berth Maintained Level : 12.20m (+15 cm Tolerance)
- Coastal Berth Maintained Level : 11.00m (+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 SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - KONGSBERG EMERSON AUTOMATIC ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BATHYMETRY SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT LANDING JETTY, BFK AND BANK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT ANJANLADI JETTY (BOLLARD) IS 3.735m ABOVE CHART DATUM. BFK : 6.70m, Bank Rock : 5.875m.
 - MOTION SENSOR OCTANA WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A CAD DRAWING
 - ALL JONIT POST SURVEYS CARRIED OUT JOINTLY BETWEEN : JNPA, NITPCWC (M), DCI & ISDPL
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM : WGS84

GEOID DATUM : ELLIPSOID

Ellipsoid axes : WGS84

Semi major axis : 6378137.000 m

Semi minor axis : 6356752.314 m

Inverse flattening : 298.257222101

Prime Meridian : Unconverged Transverse Meridian

Central Meridian (CM) : 75° E (Zone 43)

Latitude of Origin : 0°

Falses Scaling : 0.000000 m

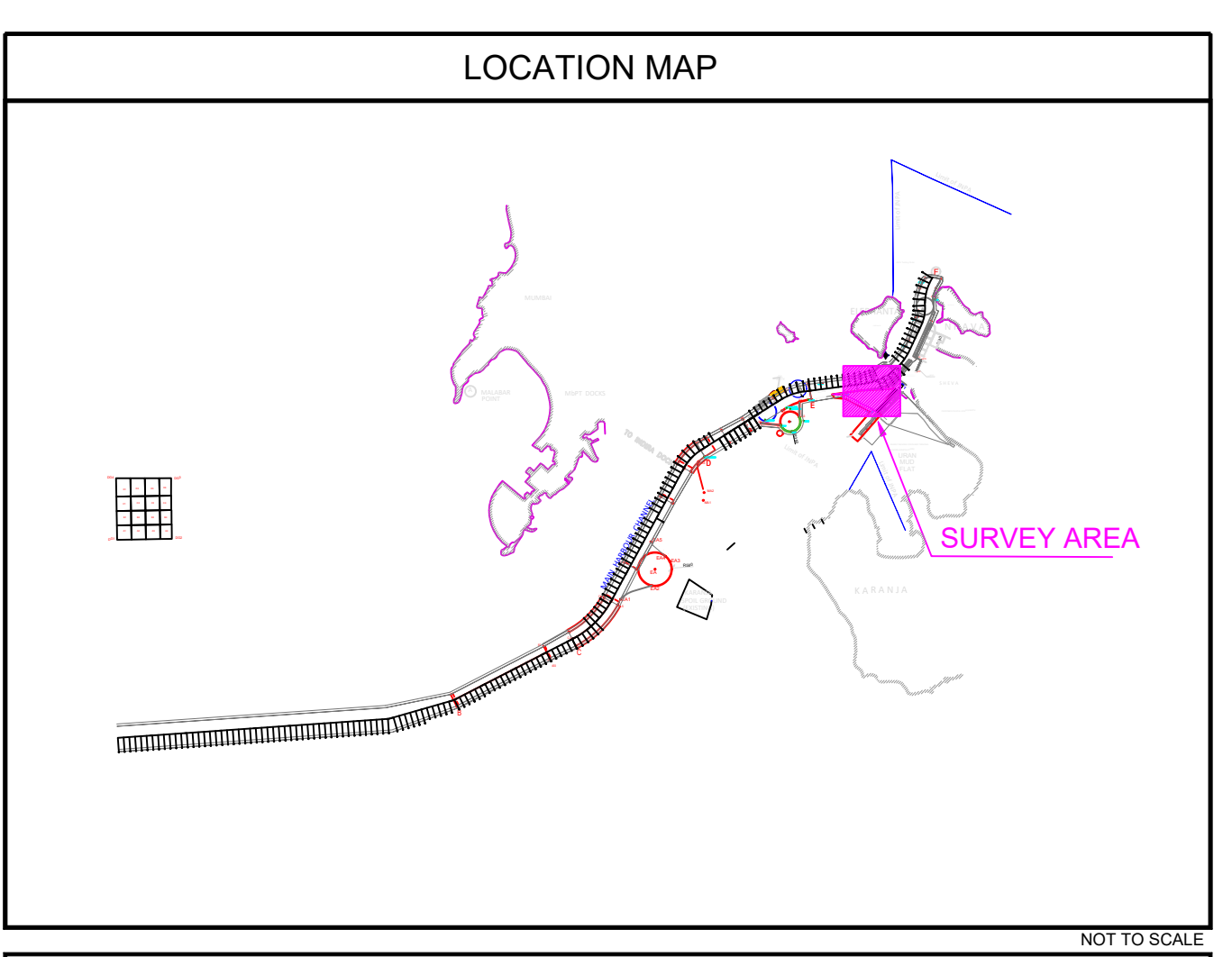
False Northing : 0.0 m

Scale factor at CM : 0.99980

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,
NAVI 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 22578915

CONTRACTOR: DREDGING CORPORATION OF INDIA LIMITED

SUB-CONTRACTOR: DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHARA, VISAPAKAPATTAN - 530 022, ANDHRA PRADESH STATE, INDIA
TEL. : +91 0891-2532350 - +91 0891-2871230

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

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 (BMCT AND SECTION E-F)
CHAINAGE : 30.400 - 31.200

SCALE: HORIZONTAL SCALE 1 : 2000

Version: MFC-QUEEN | **Survey Date:** 21/02/2023 | **Scale:** 1:6000 | **Authorised Signatory:**

Rev. No.: 0 | **Date:** 05-04-2023 | **Issued For:** Description

Drawn by	Checked	Approved	Project In-charge	Project Manager	JNPA	ISDPL	JNPA	JNPA	JNPA

Drawing No.: 5945EX-SUR-PO-115-BMCT | **Chart:** | **End:** | **P:Size:** A0