

LEGEND:

GENERAL

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

BATHYMETRY

4. WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

- NOTES:**
- 1) SURVEY WAS CARRIED OUT FROM VESSEL AERO-EXPRESS ON 12th May to 16th May 2020
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - 3) KONGBERG EN200C MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT MBPT WAS USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) VALUE OF BENCH MARK AT MBPT JETTY INSTALLED BY M/S GESERVICES SAME AS USED BY DCI
 - 6) MOTION SENSOR OCTANES WAS USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT

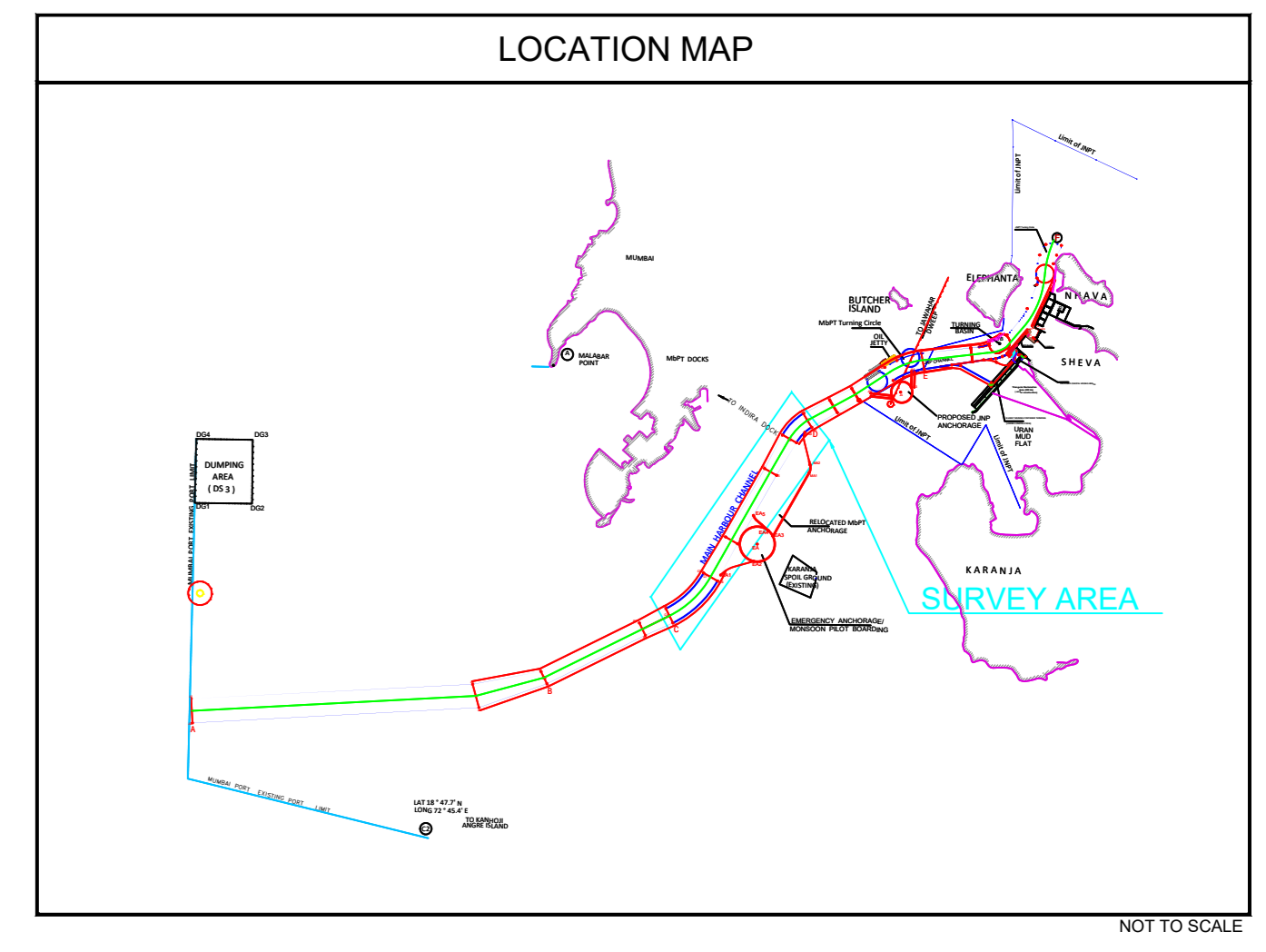
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
VERTICAL CO-ORDINATE SYSTEM	WGS84
ELLIPSOID	WGS84
Semi minor axis	6356732.000 m
Semi major axis	6378137.000 m
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Fake Easting	500000 m
Fake Northing	0
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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CLIENT

JAWAHARLAL NEHRU PORT TRUST
 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**

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED
 DREDGE HOUSE, PORT AREA
 VISAKHAPATNAM - 530 001
 ANDHRA PRADESH STATE, INDIA
 TEL: +91 22 22022437 Fax: +91 22 2506581

SURVEY CONTRACTOR

INTERNATIONAL SEAPORT DREDGING PVT. LTD.
 5th Floor Chattram Tower
 Old No 62 Narayan Reddy Street
 Chennai - 600004
 Tel Fax: +91 44 43129900

PROJECT

**JOINT POST - SURVEY
 MULTI-BEAM BATHYMETRY SURVEYS
 IN NAVIGATIONAL AREA OF JN PORT
 NAVI MUMBAI, WEST COAST OF INDIA**

BATHYMETRY CHART (SECTION C.D)

SCALE

HORIZONTAL SCALE 1 : 2000

0m 20m 40m 60m 80m 100m 120m 140m 160m 180m 200m

Version: AERO EXPRESS **Survey Date:** 12th May to 16th May 2020 **Authorized Signatory:**

Rev. No.	Date	Description	Checked	Verified	Project Engineer	Asst. Manager	Manager	Director
0	16-05-2020	For Approval						

Drawing No: 5752_SUR_PO_012_Sheet#6_AD **Sheet** 6 OF 6 **Encl.** 1 OF 1 **P/Scale** AO