



LEGEND:

GENERAL

- UTM GRID INTERSECTION (WG84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

NOTES:

- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
- POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
- KONINGSBERG EDWARDS CATHETER ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BEES SURVEY
- OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
- BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 2.731 m ABOVE CHART DATUM. BPX = 6.70m, Sunk Rock = 6.70m
- MOTION SENSOR COYATAS WAS USED TO COMPENSATE SEA SWELL
- SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING
- ALL JOINT POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN JNPA, NTPCW (ITM, DCM & ISDPL)
- ALL PLOTTED DATA IN 10m x10m GRID SIZE

GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	: WG84
GEODETTIC DATUM	: WG84
ELLIPSOID	: 6378137.000 m
Semi major axis	: 6356573.14 m
Inverse flattening	: 298.2572236
PROJECTION	: Universal Transverse Mercator
Central Meridian (CM)	: 72° E (Zone 43)
Latitude of Origin	: 0°
False Easting	: 500000 m
False Northing	: 0 m
Scale factor at CM	: 0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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LOCATION MAP

CLIENT

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

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

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED
DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHARA,
VISHAKHAPATNAM - 530 022
ANDHRA PRADESH STATE, INDIA
TEL: +91 0891-2523520 - +91 0891-2671230

SUB-CONTRACTOR

INTERNATIONAL SEAPORT DREDGING
9th Floor 21/22 Andalur Road
Anjalagannampet
2nd Street, Guindy Chennai - 600032.
Tel Fax : +91(0) 44 43 12 99 01

PROJECT
JOINT POST SURVEY - 2025
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2024-25
BATHYMETRY CHART (SECTION C-D)
CHINAAGE 16:400 - 17:600

SCALE
HORIZONTAL SCALE 1 : 2000

Vessel ME QUEEN	Survey Date 04 Apr 2025	Authorized Signatory
Rev. No.	Date	Description
0	12-04-2025	Issued For Approval
<div>Drawing No: 6148-24-SUR-PO-125-CD</div>		

Chart

Encl

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