



LEGEND:							
GENERAL							
UTM GRID INTERSECTION (YGSB4)							
GEOGRAPHICAL GRID INTERSECTION (VGS B4)							
KILOMETRE POST							
MATCH LINE							
TOE LINE OF CHANNEL							
Section A-B Design Depth : 15.60m (Without Tolerance) Section B-C Design Depth : 15.40m (Without Tolerance)							
BATHYMETRY							
WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM							
NOTES:							
1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"							
2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM							
3) KONGSBERG EMOVIC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBSUR SURVEY.							
4) 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							
5) BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 3.75m ABOVE CHART DATUM. BPX = 6.70m, Sunk Rock = 5.783m.							
6) MOTION SENSOR OCTANS WAS USED TO COMPENSATE SEA SWELL.							
7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.							
8) ALL JOINT POST SURVEY ARE JOINTLY CARRIED OUT BETWEEN -JNPA, NTPCW (ITM), DCI & IDPL.							
9) ALL PLOTTED DATA IN 10m x10m GRID SIZE.							
GEODETIC PARAMETERS							
HORIZONTAL CO-ORDINATE SYSTEM : YGSB4							
GEOCENTRIC DATUM : YGSB4							
ELLIPSOID : YGSB4							
Semi major axis : 6378137.000 m							
Semi minor axis : 6356752.314 m							
Inverse Flattening : 298.2572236							
PROJECTION : Universal Transverse Mercator							
Central Meridian (CM) : 75° 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							
PMC							
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, SEETHAMMA DHARA,							
VISAKHAPATNAM - 530 022							
ANDHRA PRADESH STATE, INDIA							
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INTERNATIONAL SEAPORT DREDGING PVT LTD							
Olympia Cyberspace							
9th Floor, 21/22A Alandur Road							
Arulagammanpet							
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 (B-C & A-B)							
CHAINAGE: 11.500 - 12.700 & 10.800- 11.800							
SCALE							
HORIZONTAL SCALE 1 : 2000							
Vessel: ME QUEEN Survey Date: 05 & 06 April 2025 Authorized Signatory							
Rev. No.	Date:	Description:	ITP/CPC	IT/INDIA	JNPA	JNPA	JNPA
0	12-04-2025	Issued For Approval					
			IDPL	DCPI	GOI		
Drawing No:		6148-24-SUR-PO-129-BC		Chart	Encl	P-Size	A0