

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- TOE LINE OF CHANNEL

BATHYMETRY

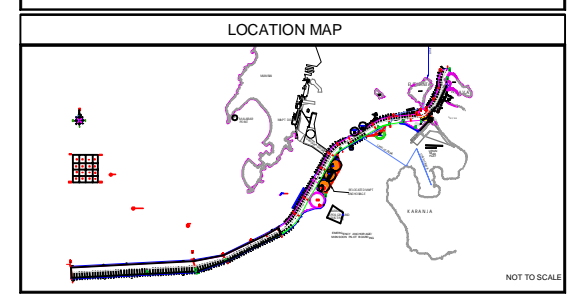
- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

NOTES:

- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
- POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM.
- KONGSBERG EM2040C MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES 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 (BOLLARDS) IS 7.375 m ABOVE CHART DATUM. BPX = 6.70m, Sunk Rock = 5.783m.
- MOTION SENSOR OCTANUS WAS USED TO COMPENSATE SEA SWELL.
- SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
- ALL JOINT POST SURVEYS (TopoMB) ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTCPCWC (ITM), DCI & ISDPL.
- ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
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



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY
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CONSULTANT

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CONTRACTOR

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PROJECT

**JOINT POST SURVEY - MAR 2024
 MULTI-BEAM BATHYMETRY SURVEYS
 IN NAVIGATIONAL AREA OF JN PORT
 NAVI MUMBAI & MUMBAI PORT CHANNEL
 WEST COAST OF INDIA
 FY 2023-24**
 BATHYMETRY CHART COASTAL BERTH

Prepared/Checked by ISDPL	Approved by ISDPL	Project In-Charge DCI	NTCPWC	JNPA	JNPA	JNPA
Vessel : ME QUEEN	Survey Date : 13/18-03-2024					
Rev. No: 00	Date: 18-Mar-2024	Description:				
Drawing No: 6148-SUR-PO-090-CB	Chart:	Encl:	P. Size: A3			