

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETER POST
 - MATCH LINE
 - TOE LINE OF CHANNEL
- BATHYMETRY
 - WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM
 - BATHYMETRY CONTOUR

Section D-E Maintained level : 14.40m (Without Tolerance)

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "MR. QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO AUSTRIK POSITIONING SYSTEM
 - 3) KONGSBERG EMOVIC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT UNDES SURVEY
 - 4) OBSOLETE TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JN PORT LANDING JETTY. BPS & SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) BENCH MARK AT JN PORT LANDING JETTY (BOLLARD) IS 2.05m ABOVE CHART DATUM. BPS = 6.70m, Sunk Rock = 5.70m.
 - 6) MOTION SENSOR WAS USED TO COMPENSATE SEA SWELL
 - 7) ALL SURVEY CO-ORDINATES WERE PROVIDED BY THE CLIENT AN ADA DRAWING.
 - 8) JN PORT POST SURVEYS WHERE JOINTLY CARRIED OUT BETWEEN : JNPA, IITM, DC & DCPIL
 - 9) ALL PLOTTED DATA IN 10x10 m GRID SIZE.

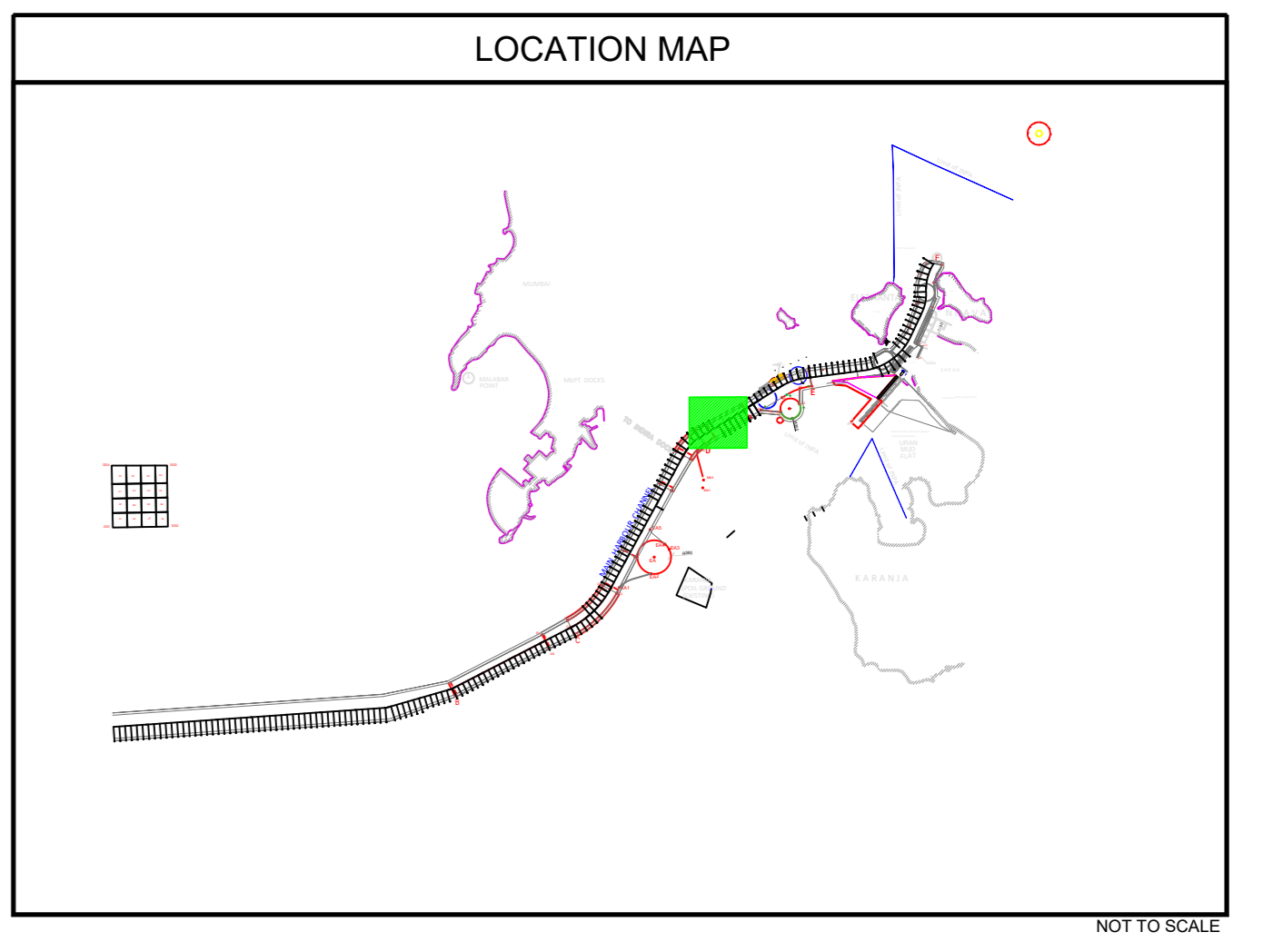
GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.257222101
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Falshe Easting	500000
Falshe Northing	0
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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PROJECT: JOINT POST SURVEY MULTI-BEAM BATHYMETRY SURVEYS IN NAVIGATIONAL AREA OF JN PORT NAVI MUMBAI & MUMBAI PORT CHANNEL WEST COAST OF INDIA

FY 2021-22
BATHYMETRY CHART (SECTION D-E)
CHANGE 24.40 - 25.400

SCALE: HORIZONTAL SCALE 1 : 25000

0m 40m 80m 120m 160m 200m

Vessel: ME QUEEN	Survey Date: 22 Oct to 26 May 2022	Authorized Signatory
Rev. No:	Date:	Description:
0	15-05-2022	Issued For Approval

Drawing No: 5940-SUR-PC-16-10E