

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE STRIP
- MATCH LINE
- TOE LINE OF CHANNEL

Section A-B Maintained level: 15.60m (Without Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM
- BATHYMETRY CONTOUR

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM DIFFERENT FIXERS POSITIONING SYSTEM
 - KONGSBERG EM6040 MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT NAVI JETTYS. BPX AND SUNK ROCK WERE USED FOR REDUCING FAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JAWAHARLAL JETTY (BOLLARD) IS 3.375 m ABOVE CHART DATUM. BPR = 0.70m, Sunk Rock = 5.750m
 - MOTION SENSOR SECTORS WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - ALL JONET POST SURVEYS WERE JOINTLY CARRIED OUT BETWEEN - JNPA, IITM, DC & ISDP.
 - ALL PLOTTED DATA IN 10x10m GRID SIZE.

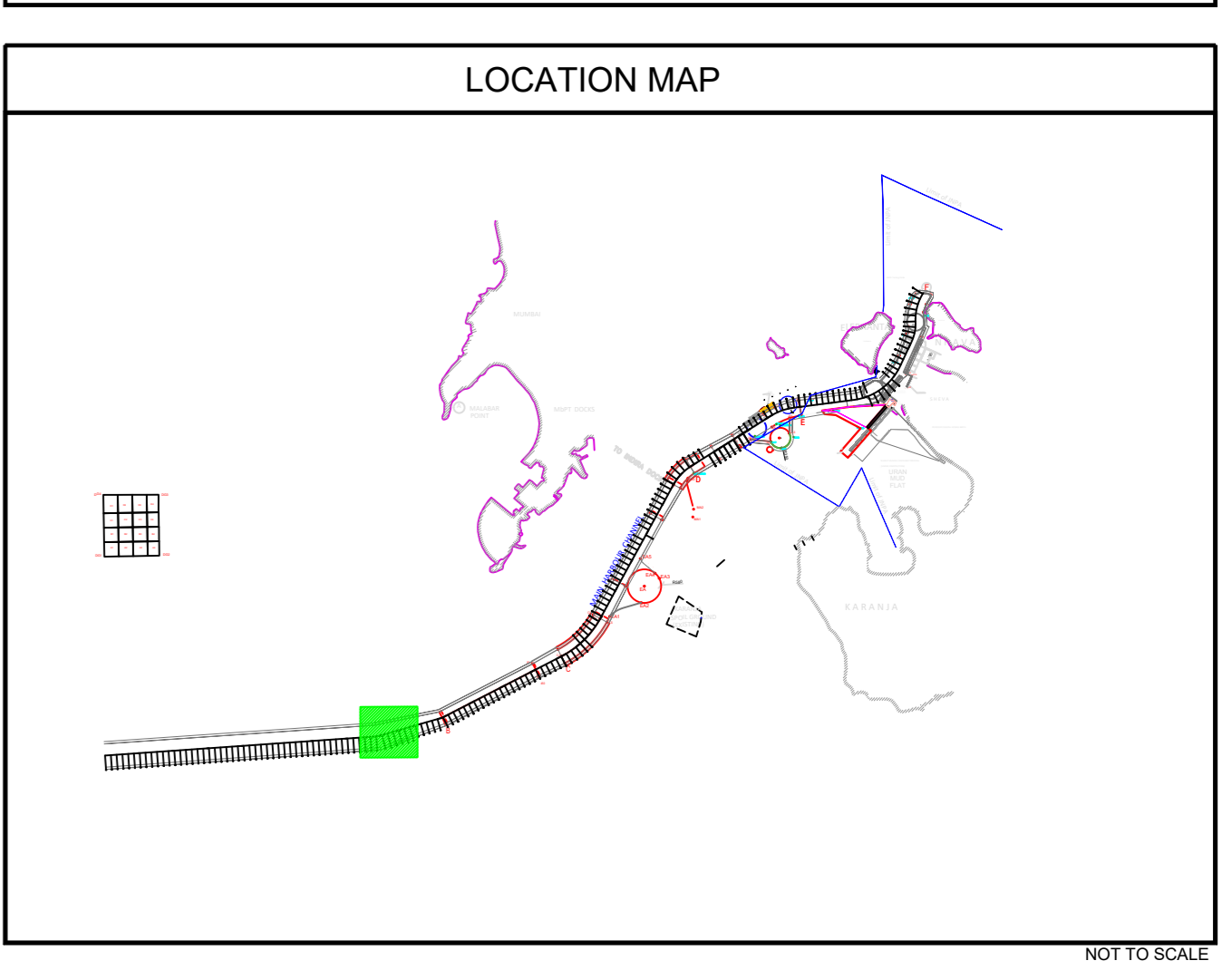
GEOETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEOETIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Flattening	0.00335293
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Fake Easting	500000 m
Fake Northing	0 m
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 A-B)
 CHANGE NO. 00.000 - 10.000

SCALE
 HORIZONTAL SCALE 1 : 2000

Authorised Signatory

Vessel	Date	Description	Checked	Approved
ME QUEEN	12-05-2022	Issued For Approval		

Drawing No: 5940-SUR-PO-127-A8