

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETER POST
- MATCH LINE
- TOE LINE OF CHANNEL

Section C-D Maintained level : 14.60m (Without Tolerance)

BATHYMETRY

- WATER DEPTH METRES & DECIMETRES BELOW CHART DATUM
- BATHYMETRY CONTOUR

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ALBERT POSITIONING SYSTEM
 - 3) KONGBERG EMACOM MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING TTY, BP&S SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT ANPA LANDING TTY (DOLLAR) IS 7.375 ABOVE CHART DATUM. BXP = 6.70m, Sunk Rock = 5.93m.
 - 6) MOTION SENSOR OBTAINS WETTED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A CAD DRAWING.
 - 8) ALL JOINT POST SURVEYS WERE JOINTLY CARRIED OUT BETWEEN - JNPA, ITC, DR & DPL.
 - 9) ALL PLOTTED DATA IN 10x10 M GRID SIZE.

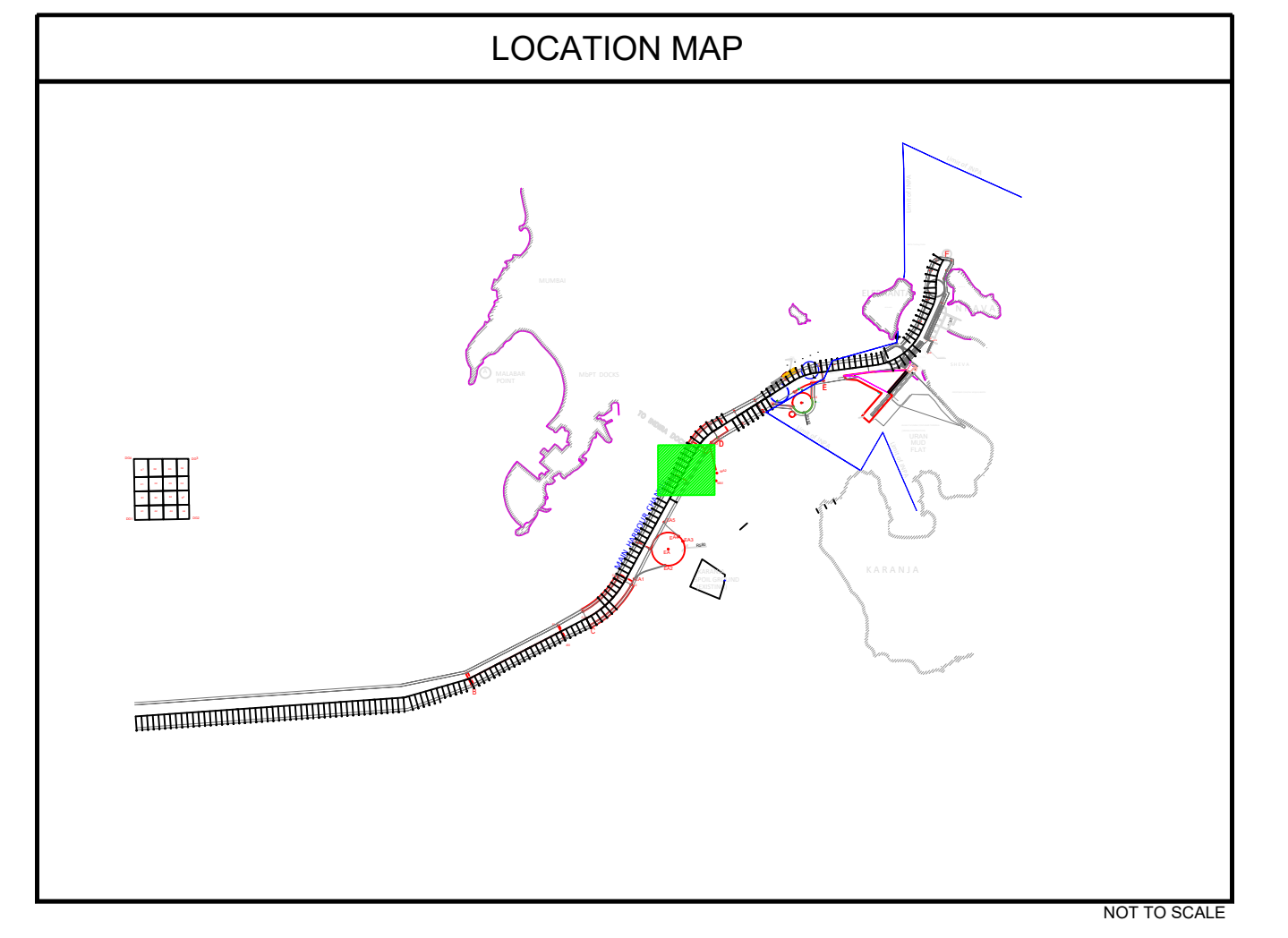
GEODETTIC PARAMETERS

HORIZONTAL DATUM	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°
Falsse Easting	500000 m
Falsse Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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PRODUCT

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 C-D)
CHANGING 21 800 - 23 000

SCALE

HORIZONTAL SCALE 1 : 2000

Authorized Signatory

Rev. No.	Date	Description	Checked	Approved	Prepared	Drawn	Scale
0	02-05-2022	Issued For Approval					

Drawing No: 5940.SUR.PD-116-CD
 Chart: ENCL
 P/Scale: A0