

LEGEND:

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

Section C-D Maintained Level: 14.00m (Without Tolerance)
Emergency Anchorage Area Maintained Level: 14.00m (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 SEPTENTOR ASTERIX POSITIONING SYSTEM
 - 3) KONGSBERG EMOVIC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - 4) OBSERVING TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JN PANA LANDING JETTY. BPS AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) BENCH MARK AT JN PANA LANDING JETTY (BSLR) IS 7.35m ABOVE CHART DATUM BPS + 67m, Sunk Rock + 578cm
 - 6) MOTION SENSOR OBTAINS DATA TO COMPENSATE SEA SWELL
 - 7) ALL SURVEY CO-ORDINATES WERE PROVIDED BY THE CLIENT ANNA IITM, COA
 - 8) ALL JN PORT SURVEYS WERE JOINTLY CARRIED OUT BETWEEN 'ANPA, IITM, COA & DSIPL'
 - 9) ALL PLOTTED DATA IN 10x10 m GRID SIZE

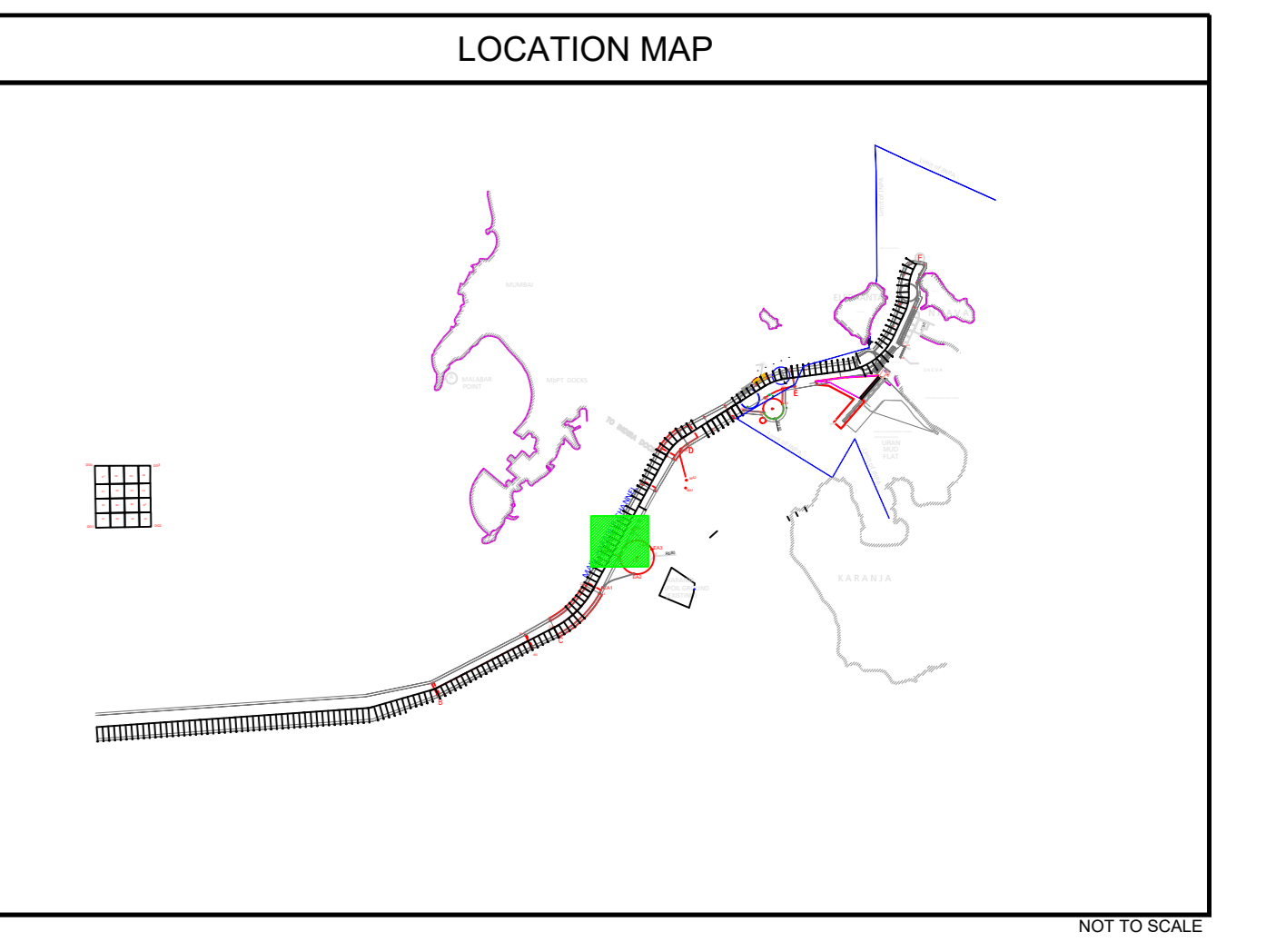
GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
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°
Falsing Factor	0.999600
False Northing	5000
Scale factor at CM	0.999600

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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CLIENT

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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)

CHANGE 18.800 - 20.200

SCALE

HORIZONTAL SCALE 1 : 2000

Version: ME QUEEN **Survey Date:** 18/03/2022 **Authorized Signatory:**

Rev. No.	Date	Description
0	02-05-2022	Issued For Approval

Drawing No: 5940SRP-120-CD

EMERGENCY ANCHORAGE/MONSOON PILOT BOARDING