

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE 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:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTRIX POSITIONING SYSTEM
 - KONGSBERG EM600C MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY FOR RECORDING RAW WATER DEPTH TO CHART DATUM
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT 'JNPA LANDING JETTY. BPX AND SUN ROCK WERE USED FOR RECORDING RAW WATER DEPTH TO CHART DATUM. BPX = 6.70m, Sun Rock = 5.780m.
 - BENCHMARK AT JNPA LANDING JETTY (BOLLARDS) IS 2.25 m ABOVE CHART DATUM.
 - MOTION SENSOR OCTANS WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A CAD DRAWING.
 - ALL JOINT POST SURVEYS WERE JOINTLY CARRIED OUT BETWEEN - JNPA, ITC, DCA ISDPL.
 - ALL PLOTTED DATA IN 10x10 m GRID SIZE.

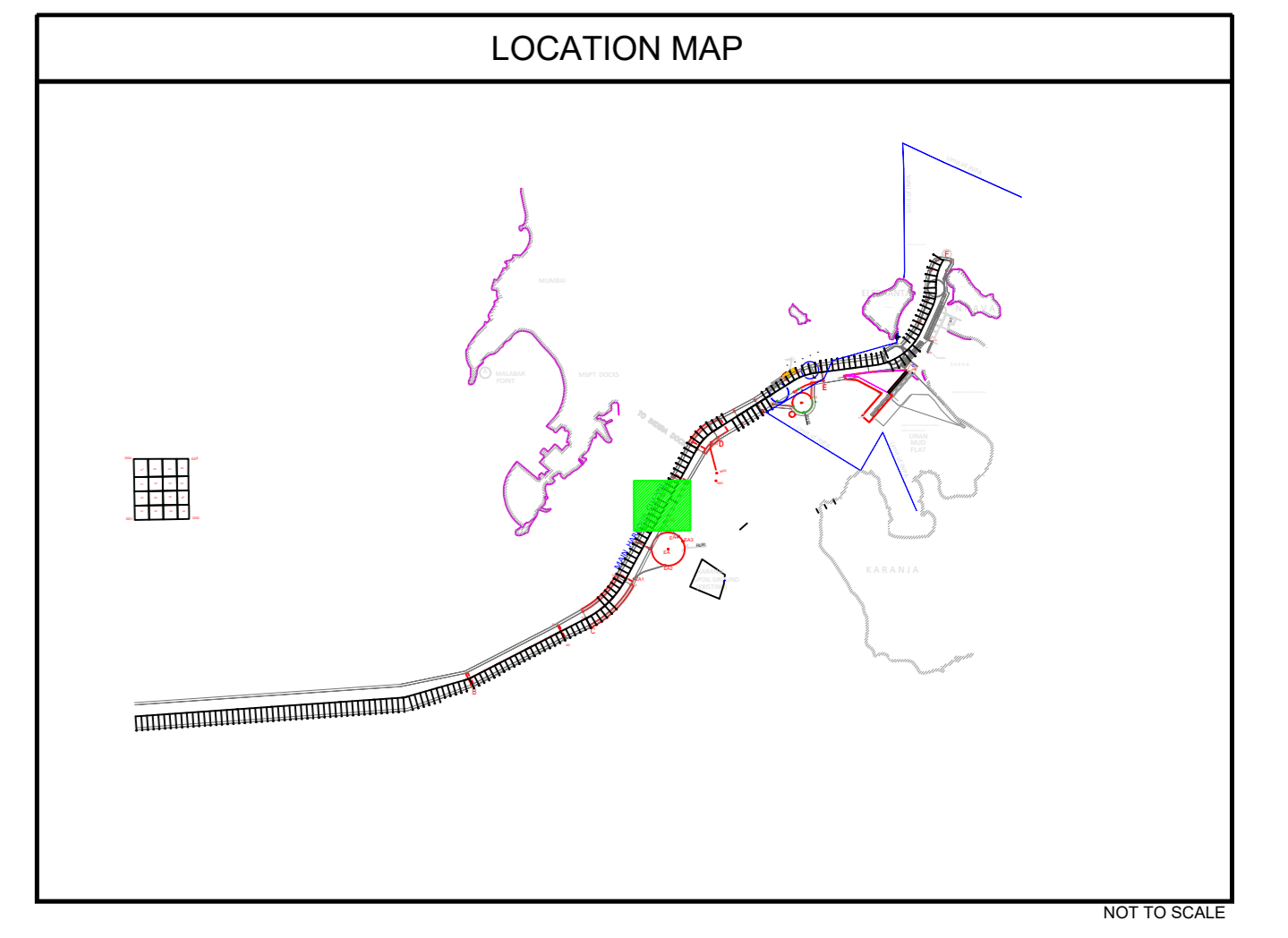
GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.144 m
Inverse flattening	298.25722259
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)
CHANGAGE 20,400 - 21,600

SCALE

HORIZONTAL SCALE 1 : 2000

Vessel: ME QUEEN **Survey Date:** 28th - 30th Apr 2022 **Authorized Signatory:**

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

Drawing No: S940-SUR-PO-119-CD