

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

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "THE QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO AUSTRIAC POSITONING SYSTEM
 - KONGSBERG EMOBAC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BPS AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 7.35m ABOVE CHART DATUM. BPS x 6.70m, Sunk Rock x 5.75m.
 - MOTION SENSOR OCTANS WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT ANA, ITRM, CD.
 - ALL JETTY POST SURVEYS WERE JETTY POINT CARRIED OUT BY BLENDED - ANPA, DTA & DGPL.
 - ALL PLOTTED DATA IN 10x10 m GRID SIZE.

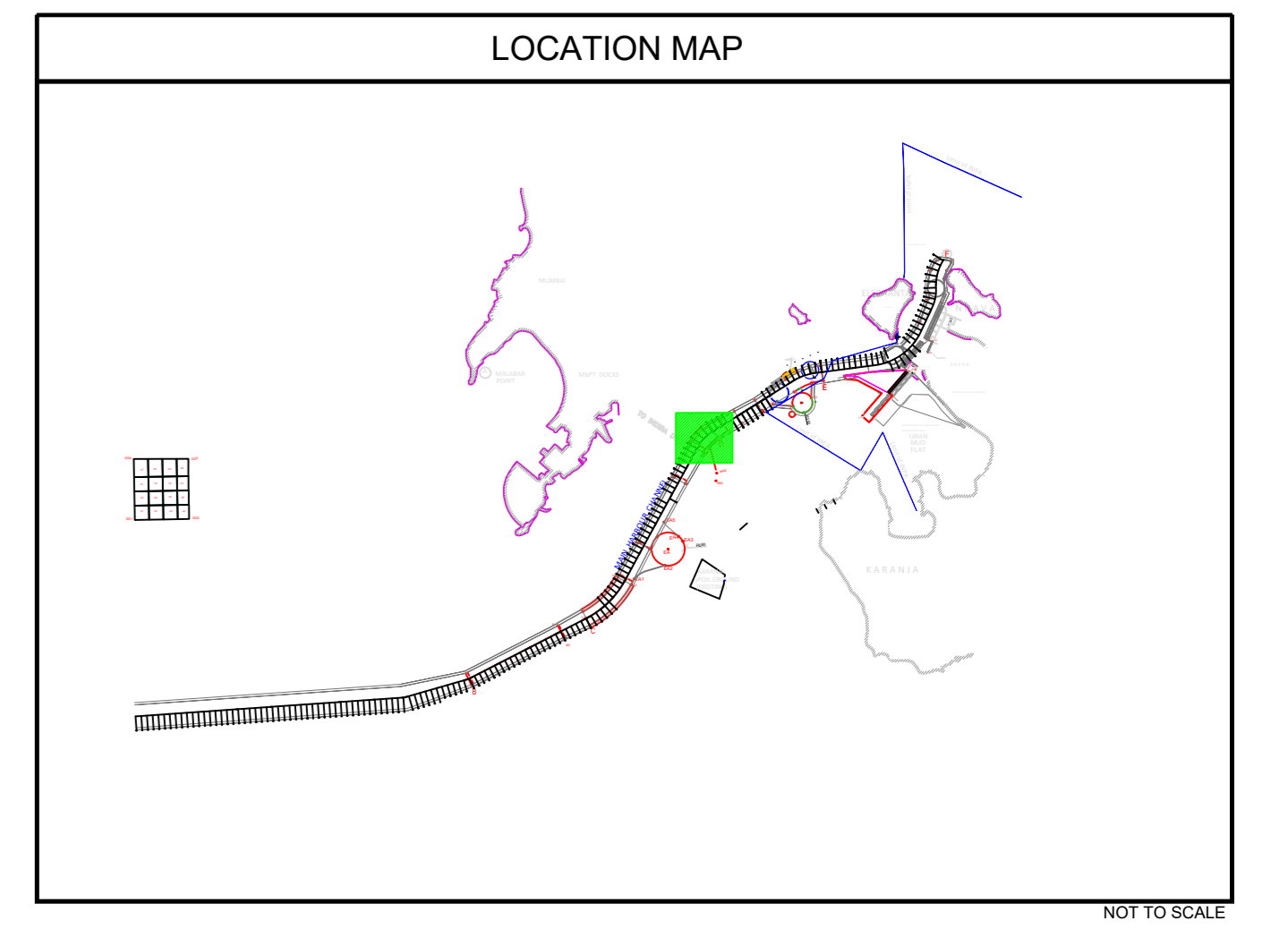
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	: WGS84
GEODEIC DATUM	: WGS84
ELLIPSOID	: WGS84
Semi major axis	: 6378137.000 m
Semi minor axis	: 6356752.144 m
Longitude of Origin	: 75° 27' 22.500"
Projection	: Universal Transverse Mercator
Central Meridian (CM)	: 75° E (Zone 43)
Latitude of Origin	: 0°
False Easting	: 500000 m
False 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 C-D)
 CHANGE 23,200 - 24,200

SCALE
HORIZONTAL SCALE 1 : 2000

Version: ME QUEEN **Survey Date:** 30th Apr 2022 **Authorized Signatory**

Rev. No.	Date	Description	Checked	Approved	Prepared	Drawn	Scale
0	15-05-2022	Issued For Approval					

Drawing No: 5949SUR-PI7-CD Chart: ENR P/Scale: A0