

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCHLINE
- TOE LINE OF CHANNEL

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

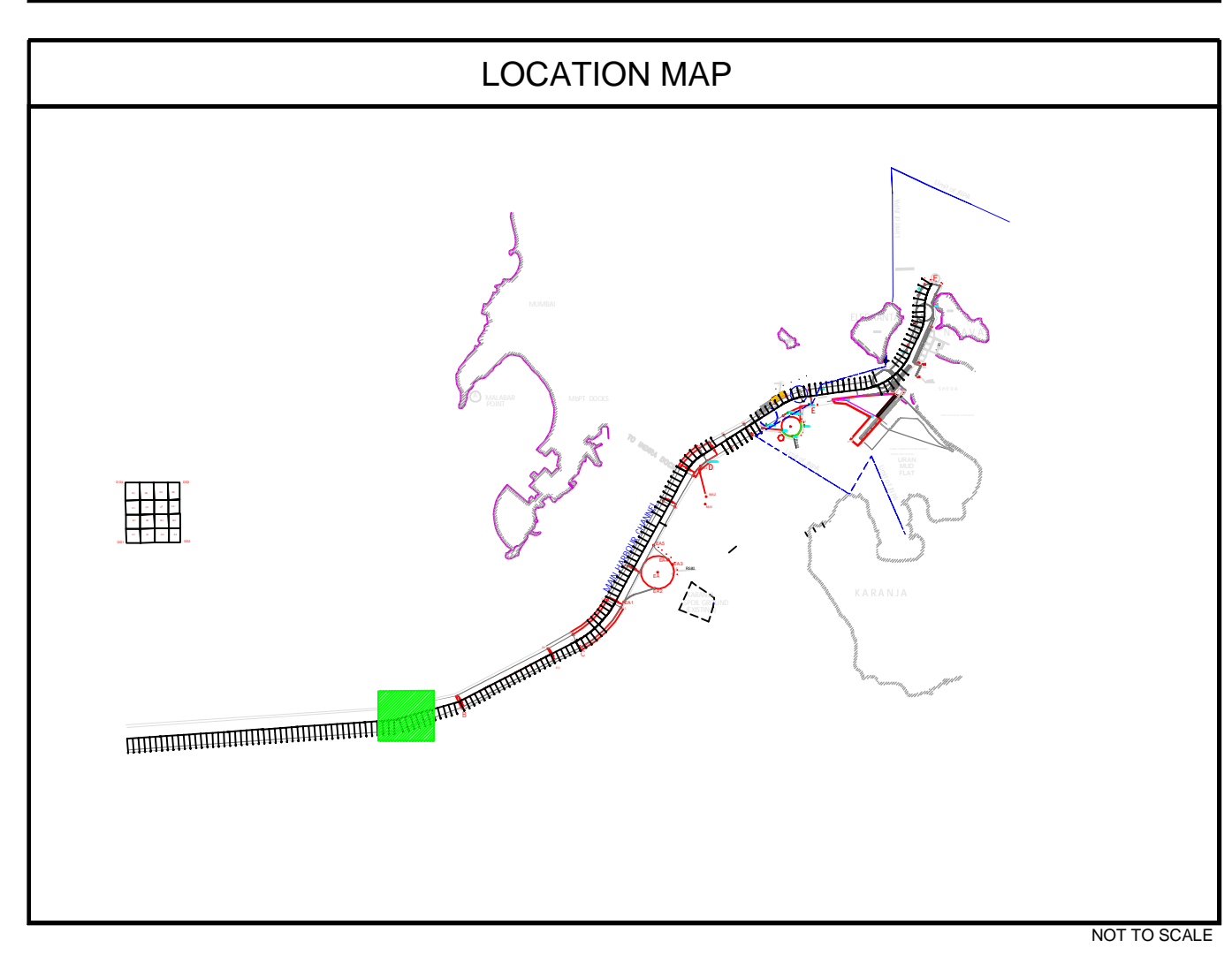
- NOTES:**
- SURVEY WAS CARRIED OUT BY SEPTENTRIO 'M QUEEN'
 - POSITION FIXING WAS CONTROLLED FROM SURVEY AUTOMATIC POSITIONING SYSTEM
 - KONIGSBERG EMOAC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC GAUGE INSTALLED AT JAPA LANDING JETTY, BP&S AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JAPA LANDING JETTY (BOLARID) IS 7.375m ABOVE CHART DATUM. BP&S 6.70m, Sunk Rock 5.570m.
 - MOTION SENSOR ACTA WAS USED TO COMPENSATE SEA SWELL.
 - JAPA PORT CO-ORDINATES WERE PROVIDED BY THE CLIENT AN ACAD DRAWING.
 - ALL SURVEY POINTS WERE JOINTLY CARRIED OUT BETWEEN 'JAPA_NTPAC', IITM, DC&I, ISPOL.
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
Semi major axis	6378137.00m
Semi minor axis	6356752.31m
Inverse Flattening	298.257222101
PROJECTION	Universal Transverse Mercator
Central Meridian (C/M)	75° E (Zone 43)
Latitude of Origin	0°
False Easting	500000m
Scale factor at C/M	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

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CONSULTANT

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CONTRACTOR

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SUB-CONTRACTOR

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PROJECT

**JOINT POST SURVEY - 2024
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2023-24
BATHYMETRY (SECTION A-B)
CHANNAGE 90.000 x 10.800**

SCALE

HORIZONTAL SCALE 1 : 2000

0m 40m 80m 120m 160m 200m

REVISIONS

Rev. No.	Date	Description	Authorized Signatory
0	13-Apr-2024	Issued For Approval	

Drawing No: 6148-SUR-PO-100-AB