

LEGEND:

- GENERAL
- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- LINE OF CHANNEL
- BACT Maintained level : 14.40m (Without Tolerance)
- Section E - F Maintained level : 14.40m (Without Tolerance)
- BATHYMETRY
- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

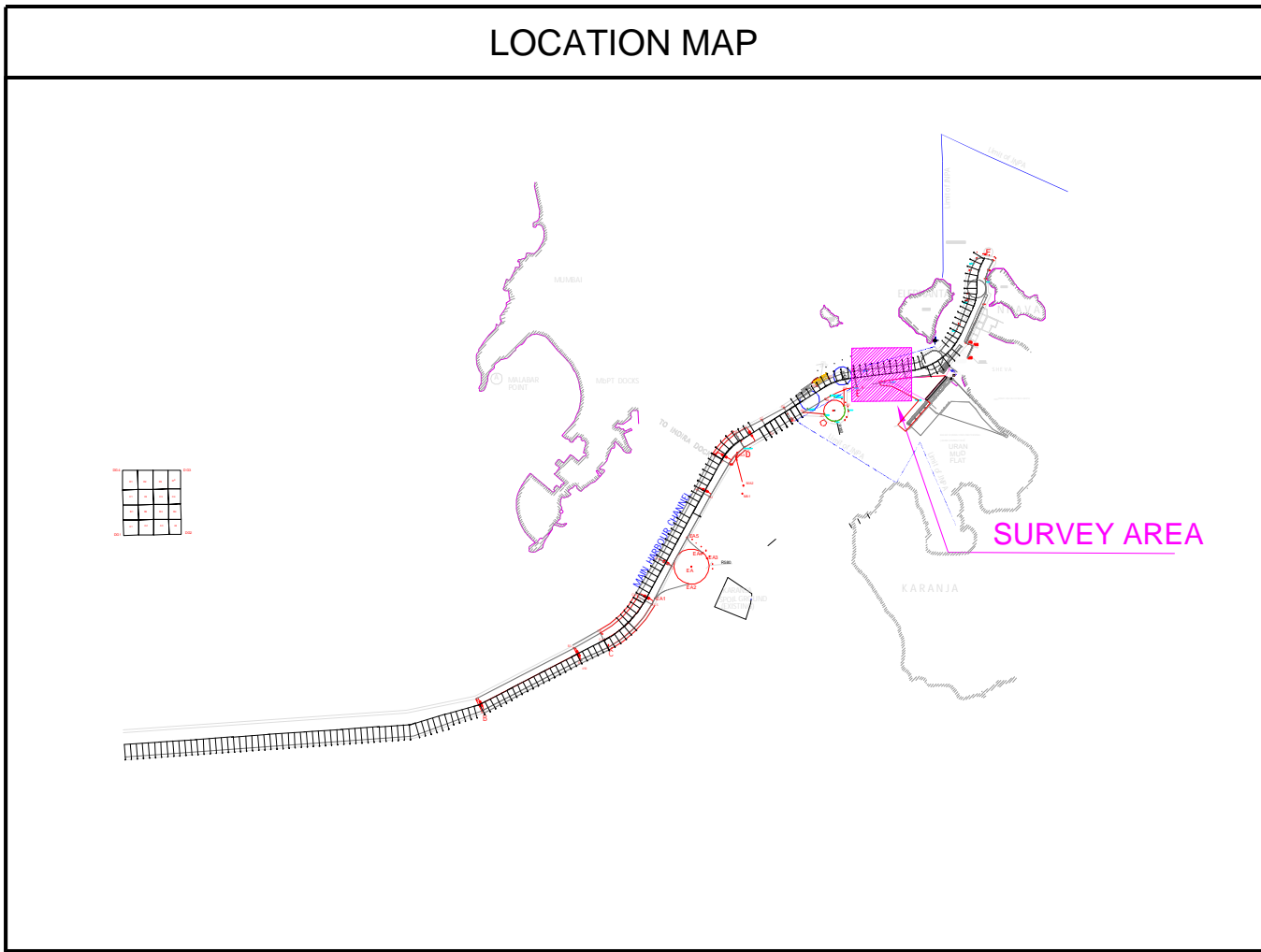
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "MS QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - KONGBERG ENDONAV MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNP INLAND JETTY. BPF AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JNP INLAND JETTY (BOLLARDS) IS 3.70m ABOVE CHART DATUM. BPF = 6.70m. Sunk Rock = 5.783m.
 - MOTION SENSOR CANTINA WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - ALL SURVEY POINTS WERE AUTO J-CARRIED OUT BETWEEN -JNP4, NTPCW (DGM), DCI & ISDPL.
 - ALL PLOTTED DATA IN THIS CHART, GRID SYSTEM

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356583.214 m
Flattening	298.2572236
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	79° 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



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

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CONSULTANT

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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 CHART SECTION EF

CHANNEL 29,000 - 30,400

SCALE

HORIZONTAL SCALE 1 : 2000

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

DATE

07/04/2024 Issued For Approval

Drawing No: 6148-SUR-PO-085-EF

DATUM: WGS-84, CM, 76, ZONE-43

MAINTAINED DEPTH IN NAVIGATIONAL CHANNEL (E - F) 14.40 m BELOW CD