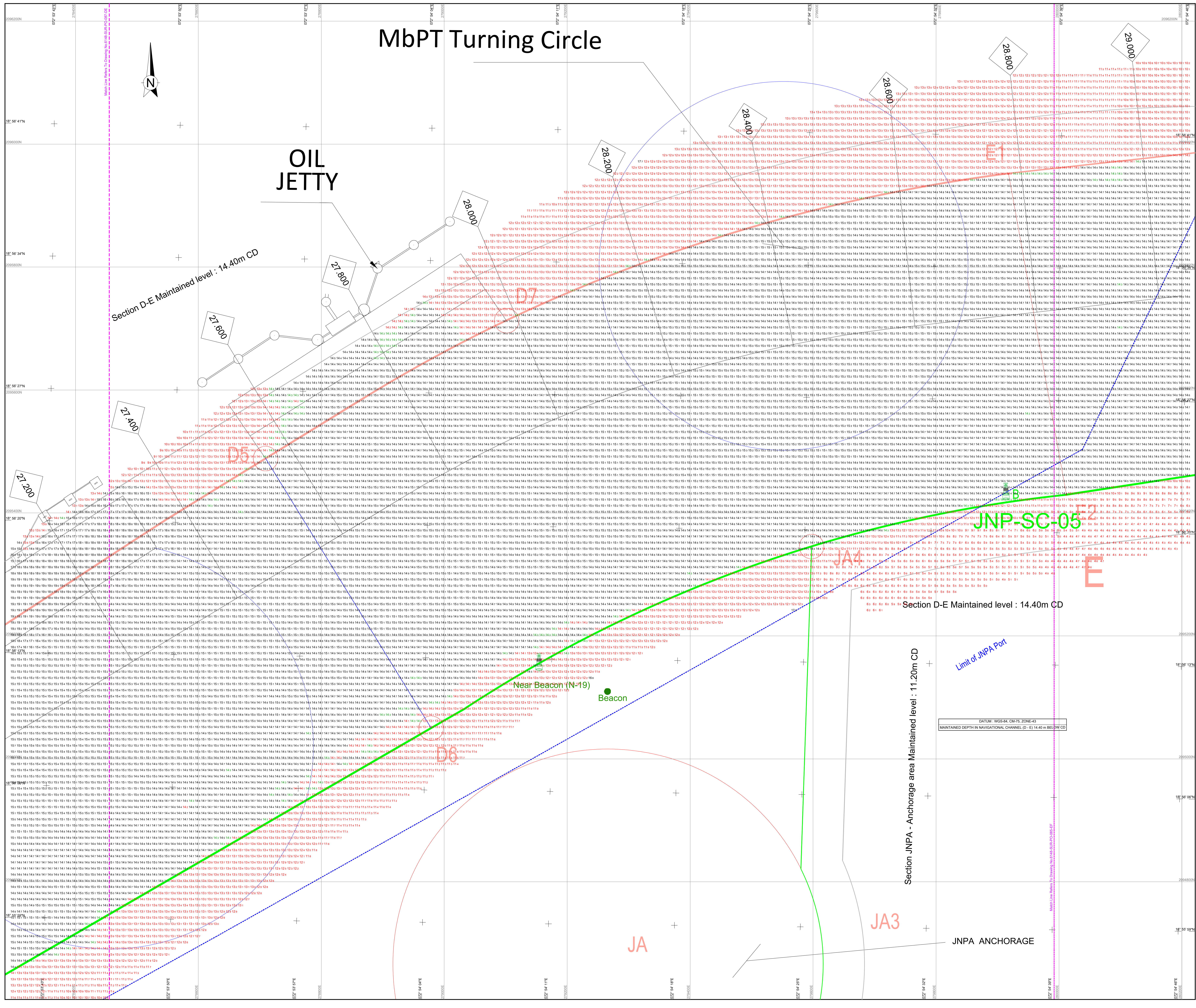


MbPT Turning Circle



LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE POST
 - MATCH LINE
 - TOE LINE OF CHANNEL
- BATHYMETRY
 - WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTEMBER ASTERIX POSITIONING SYSTEM
 - KONGSBERG ECHOSOUND MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBPT SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BFX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JNPA LANDING JETTY (BRL) IS 7.375 ABOVE CHART DATUM. BFX & 6.70m, Sunk Rock & 5.83m
 - MOTION SENSOR OCTANUS WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN ACD DRAWING
 - ALL JOINT POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN -JNPA, NTPCW (ITM), DCI & ISPL
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE

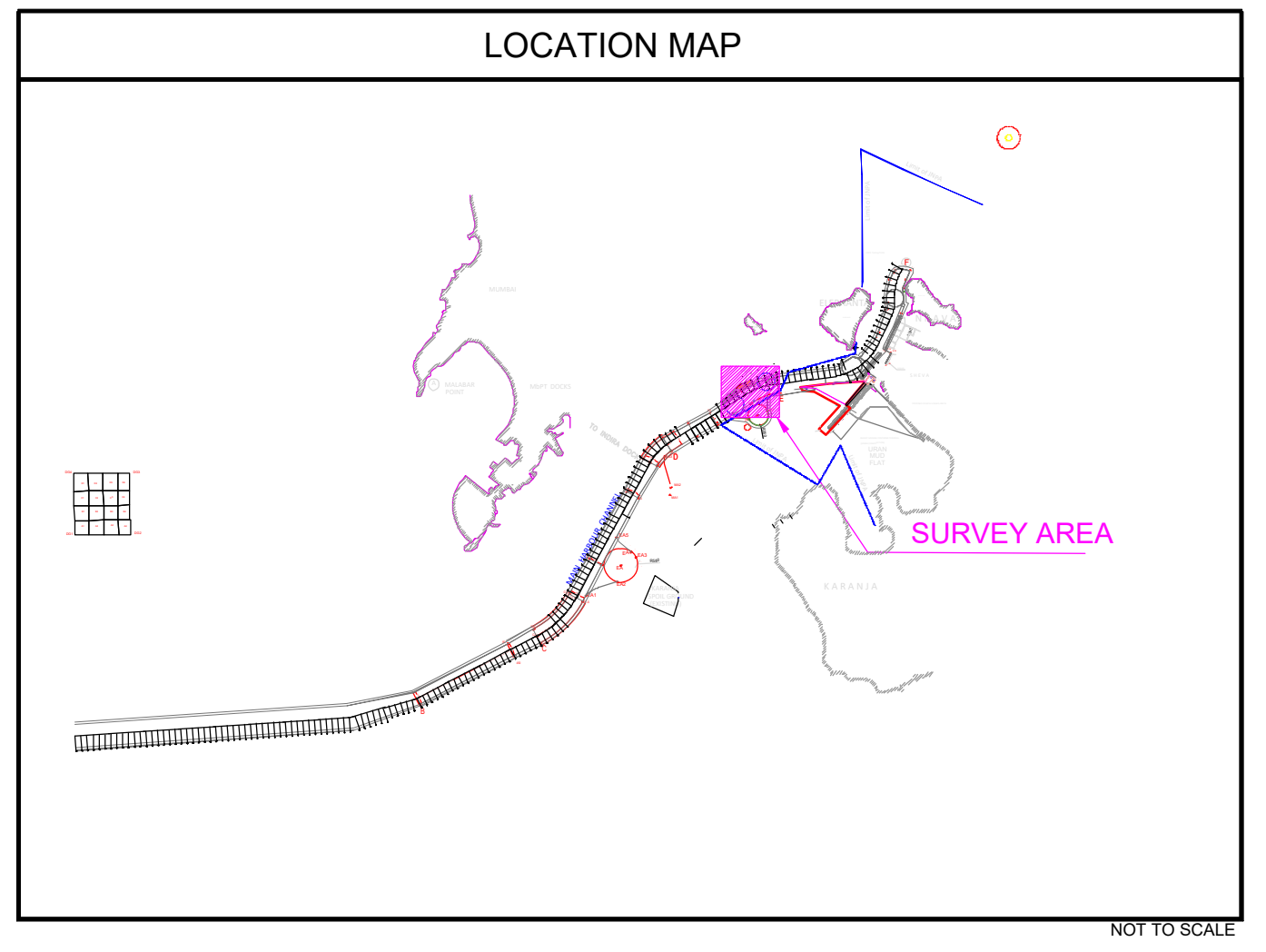
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
SEMI MAJOR AXIS	6378137.000 m
SEMI MINOR AXIS	6356752.314 m
INVERSE FLATTENING	298.257222101
PROJECTION	Universal Transverse Mercator
CARTESIAN MERIDIAN (CM)	79° E (Zone 43)
LATITUDE OF ORIGIN	0°
FALSO EASTING	500000 m
FALSO 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 - 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 DE
CHANGAGE 27.600 - 29.000

SCALE
HORIZONTAL SCALE 1 : 2000

WEATHER ME QUEEN Survey Date: 20th Feb 2024 & 21st Feb 2024 Authorized Signatory

Rev. No.	Date	Description	Checked	Approved	Checked	Approved	Checked	Approved
0	07-04-2024	Issue For Approval						

Drawing No: 6148-SUR-PO-086-DE