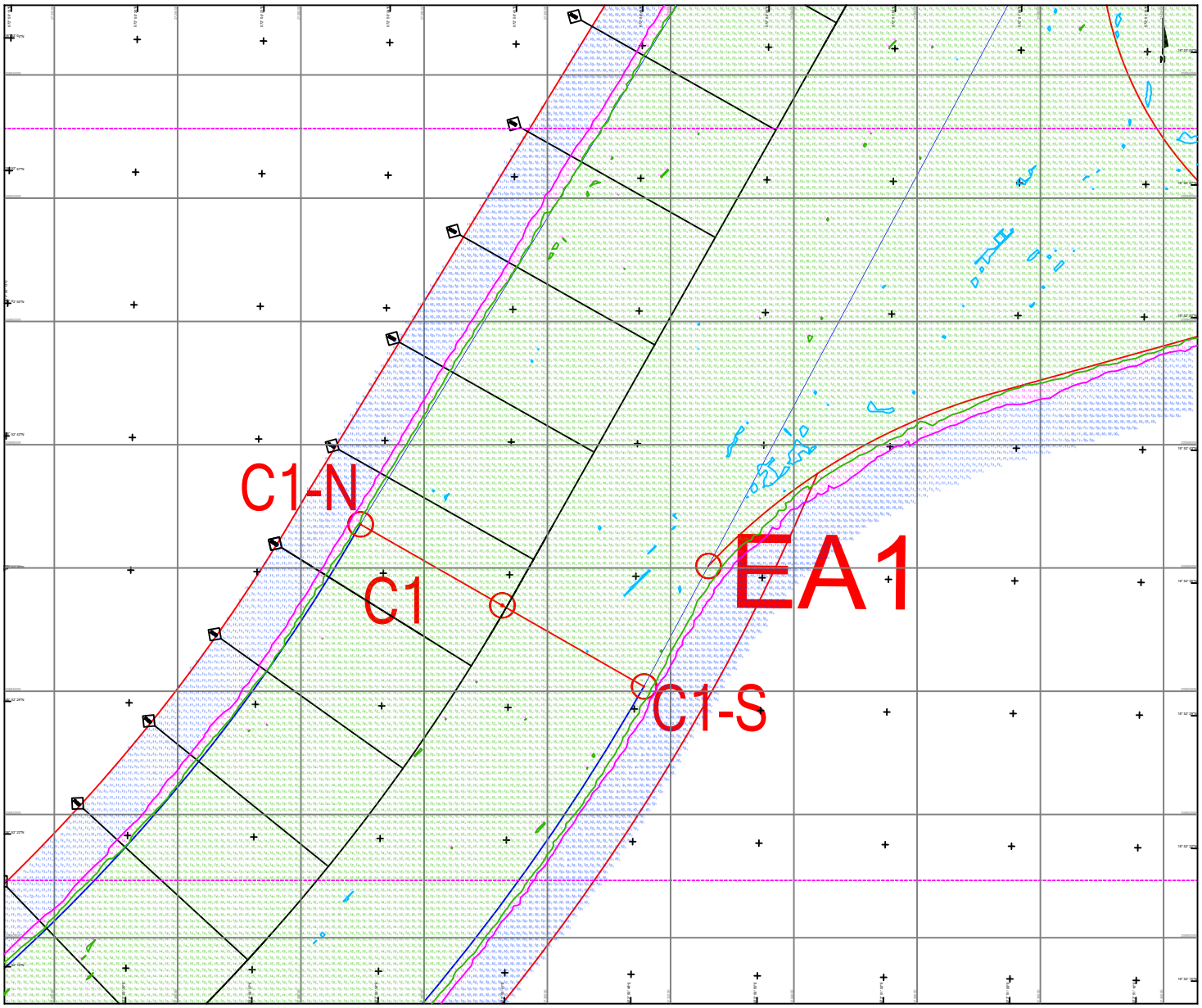

LEGEND:

GENERAL

- GEOGRAPHICAL GRID INTERSECTION (WGS84)
- KILOMETER POST
- MATCH LINE
- TOE LINE OF CHANNEL

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

NOTES:

1) SURVEY WAS CARRIED OUT FROM VESSEL AERO-EXPRESS ON 12th May to 16th May 2020
2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM.
3) KONGSBERG ENGINEC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT MBPT WAS USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
5) VALUE OF BENCH MARK AT MBPT JETTY INSTALLED BY M/S GEOSERVICES SAME AS USED BY DCI
6) MOTION SENSOR OCTANES WAS USED TO COMPENSATE SEA SWELL.
7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT.

GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse Sattering	298.257223
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	57 X 1.2mm (Ø)
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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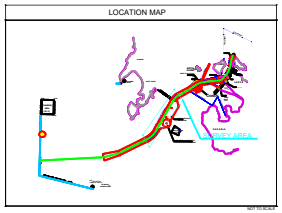
LOCATION MAP



NOT TO SCALE

CLIENT

JAWAHARLAL NEHRU PORT TRUST
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NAVI MUMBAI - 400 707
Tel. : 022 6781 4156/ 6781 4154 , Fax.: 022 6781 4178

CONSULTANT

NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS
IIT MADRAS
CHENNAI - 600 036

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PROJECT

JOINT POST - SURVEY
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI, WEST COAST OF INDIA

BATHYMETRY CHART (SECTION C-D)

SCALE

HORIZONTAL SCALE 1 : 2000

0m 20m 40m 60m 80m 100m 120m 140m

Vessel : AERO EXPRESS		Survey Date : 12th May to 16th May 2020	Authorised Signatory
Rev. No.	Date	Description	
0	16-05-2020	For Approval	

Drawing No.	Chart	Sheet	P Size
5732_SUR_PO_012_Sheet2_A0	2OF 6	1 OF 1	A0