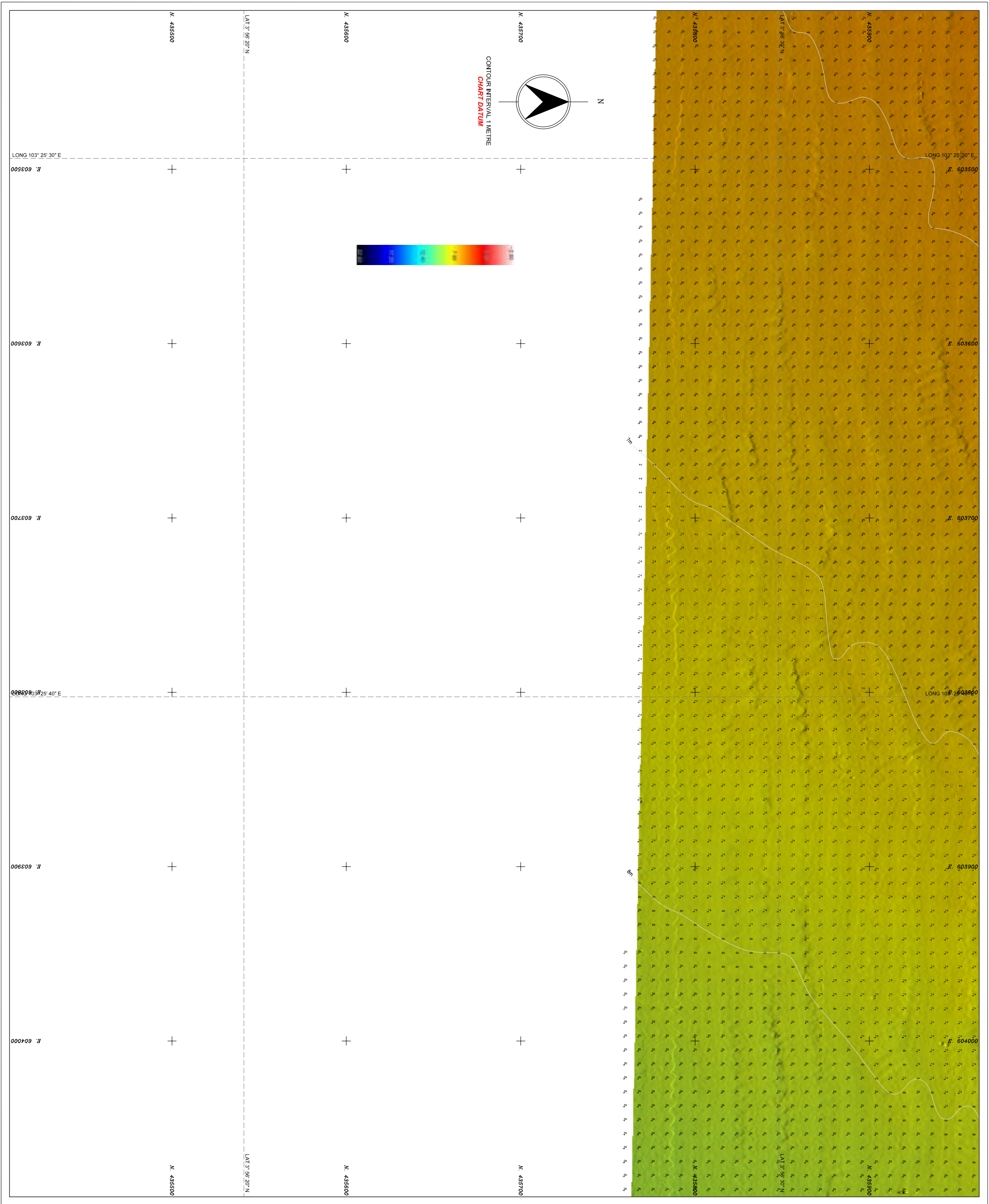




LEGEND / NOTES :

- All measurement are in metres.
- Coordinates is in MGSO .
- All levels are based on Bench Mark No. BM C033 (RL : 3.84m NGVD) (RL : +0.00m CD).
- Chart Datum at Tanjung Gelang is 1.76m Below Mean Higher High Water (MHHW).
- Chart Datum (CD) is 1.76m Below Mean Higher High Water (MHHW).
- Depth denotes metres above Chart Datum (CD).
- Depth denotes metres below Chart Datum (CD).

NOTES :

TIDAL LEVELS AT TAJUKING GELANG
(Assorted from Royal Malaysian Navy, The Table 2016)

NGVD (m)	LAT/CD (m)
Highwater	3.84
Mean Higher High Water (MHHW)	3.34
Mean Higher Low Water (MHLW)	2.28
Mean Sea Level (MSL)	1.92
Low Water (LW)	1.57
Lowest Astronomical Tide (LAT) @ Chart Datum (CD)	0.00

DATUM RELATIONSHIP DIAGRAM

GEODETIC INFORMATION :

Geoidetic Data

Spheroid	: Malaysian Revised Everest
Semi Major Axis	: 6 377 304.063 metres
Semi Minor Axis	: 6 356 103.039 metres
Earth's Eccentricity Squared	: 0.006 637 846 6302
Reciprocal Flattening (1/f)	: 300.8017

Origin of Meridian of Reference

Projection	: Pseudo Cylindrical
Origin of Meridian	: G. Singam
Longitude of Reference	: E 102° 26' 10.724 E
Latitude of Origin	: N 03° 42' 39.50 N
Falses Easting	: 0 m
Falses Northing	: 0 m

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PROJECT TITLE:

MUHIBBAH KUANTAN MARITIME HUB

DRAWING TITLE:

HYDROGRAPHIC AND TOPOGRAPHIC SURVEY - CHART DATUM -

Supervised By: Shafiqul Ridwan Amir, Azhar, Arif, & One Long

Drawn By: Mastura

Checked By: Shafiqe / Haidi

Approved By: S. Lee Chenk Hock

SCALE:

1 : 1000

Supervisor's Drawing No: JPWS/16/PHG/53/006/31

Drawing Date: 22nd August 2016

Client's Drawing No :

Sheet No :

Rev :

REVISION

DATE	REPORT NO :
9/18/2016	

Chartered & Licensed Land Surveyors :

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