

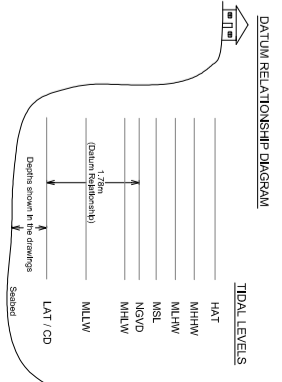
CONTOUR INTERVAL: 1 METRE
CHART DATUM

LEGEND / NOTES :

- All measurements are in metres.
- Coordinates is in MRSO.
- All levels are based on Bench Mark No. BM 0031 (RL: 3.84m NGVD) (RL: 5.65m CD).
- Chart Datum at Tanjung Gelang is 1.76m Below Mean Low Water (MLW).
- Chart Datum (CD) is 1.76m Below Mean Low Water (MLW).
- Depth soundings are based on 3 percent boundary marks at Lat 2709 (Pa. 125125).
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TIDAL LEVELS AT TANJUNGS GELANG
(Adapted from Royal Malaysian Navy, The Table 2016)

NGVD (m)	LAT/CD (m)
Highest Astronomical Tide (HAT)	3.84
Mean Higher High Water (MHHW)	1.56
Mean Lower High Water (MLHW)	0.50
Mean Sea Level (MSL)	0.14
Land Survey Datum (MSLD)	0.00
Mean Higher Low Water (MHLW)	-0.21
Mean Lower Low Water (MLLW)	-1.26
Lowest Astronomical Tide (LAT) @ Chart Datum (CD)	-1.76
Chart Datum (CD)	0.00



GEODETTIC INFORMATION :

Geoidetic Data

- Spheroid : Malayan Revised Everest
- Semi Major Axis : 6 377 204.663 metres
- Semi Minor Axis : 6 356 103.039 metres
- Eccentricity Squared : 0.006 637 946 6302
- Reciprocal Flattening (1/f) : 300 801.7

Origin of Meridian of Reference

- Projection : Palang State Cassini
- Origin of Meridian : G. Singapore

Longitude of Origin (GM) : E 102° 28' 10.724 E

Latitude of Origin : N 03° 42' 39.50 N

Falset Easting : 0 m

Falset Northing : 0 m

CLIENT :

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PROJECT TITLE :

**MUHIBBAH KUANTAN
MARITIME HUB**

DRAWING TITLE :

**HYDROGRAPHIC AND
TOPOGRAPHIC SURVEY
- CHART DATUM -**

Surveyed By: Ahmad, Ridwan, Amir, Saiful, Anwar, Hisham, Bahari, Amir, Ghazali

Checked By: Mastura

Plotted By: Mastura

Drawn By: Mastura

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Checked By: Sharfzle / Haihd

SCALE: 1 : 1000

HERMONTAL METRES

Vertical Scale: 1 : 1000

Client's Drawing No.: JPWS/16/PHG/633006/42

Drawing Date: 22nd August 2016

Revision: 1

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Rev.: 1

Chartered & Licensed Land Surveyors:

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