



NOTES:
 1) Contours are computer generated to Hydrographic Standard (inclusive)
 2) Soundings coloured to 1.0m AHD for clearance purposes
 3) Coastline digitised from aerial photography is approximate only
 4) AHD/LAL separation based on PM 183084 RL 3.467m AHD from Auspos Report #1000 and RL 5.217m LAT from TS100963. Additional aerial tidal plane values taken from 9 days of tidal data (TS100963)
 5) LAL datum transfer completed by MSD Tidal Department based on 9 days of tidal data (TS100963)
 6) Horizontal and vertical datum based on Leica 6510 RTK-GPS (Chain 109, origin PM 183084) and referenced to CGD1
 7) Horizontal and vertical position check carried out over PM 86582 (Hz: HU 0.026, vz: 4/0)
 8) Cadastral boundaries have been sourced from the Digital Cadastral Database (DCDB) and are approximate only. They should not be used for reinstatement or setout. For actual property boundaries consult a licenced cadastral surveyor

Horizontal Datum	MGA Zone 55 (GD494)
Base Station	CG01 655984.995 7778761.228
Vertical Datum	AHD based on PM 183084 RL 3.467m
Tide Notes	Vertical control referenced to CGD1 (RL 2.381m AHD) See Notes
Depth Tolerance	0.2m
Horizontal Tolerance	1.5m
Weather	10-15 knots SE

Vessel	GG Marion
Echo Sounder	CEESCOPE 100
Heave meter	Novatel 62B RTK-GPS
Horizontal Positioning	Novatel 62B RTK-GPS Leica 6510 RTK-GPS
Data Collection/Processing	Hydrex 2016 Terrain01:10.61J
Tidal Reference Station	TS 100963

SOUNDINGS (m)	2.5 below datum 0.7 above datum
LEVELS (m)	0.99 above datum 0.33 below datum

SCALE 1 : 500 AT A1

CLASS N/A

CLIENT PMD

* see notes

Signature	P Finger
Hydrographic Surveyor	D Ning
Checked	



BOWEN
BLACK CURRANT ISLAND BOAT RAMP INVESTIGATION
 HYDROGRAPHIC AND LAND DETAIL SURVEY
 22 APRIL 2016
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