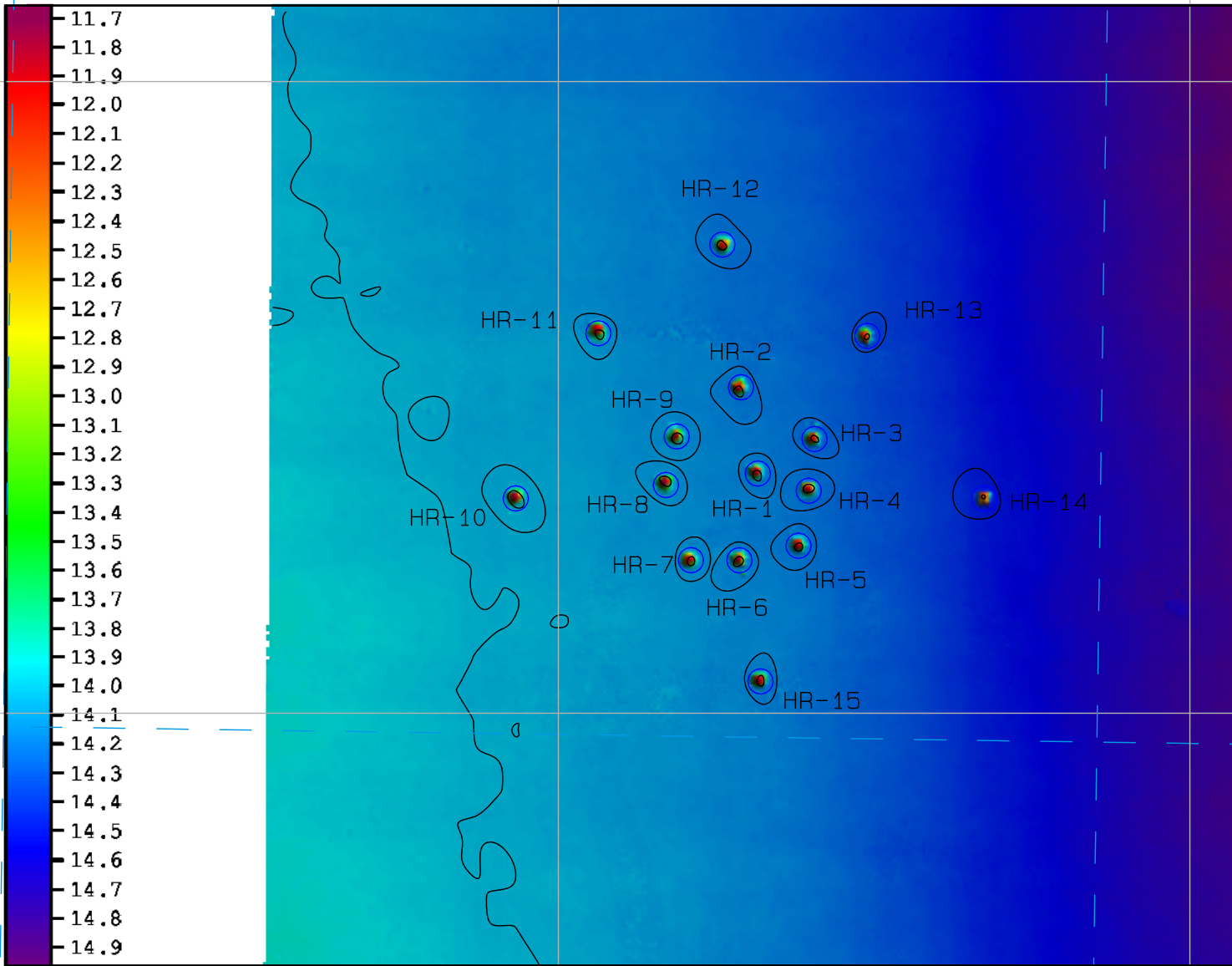
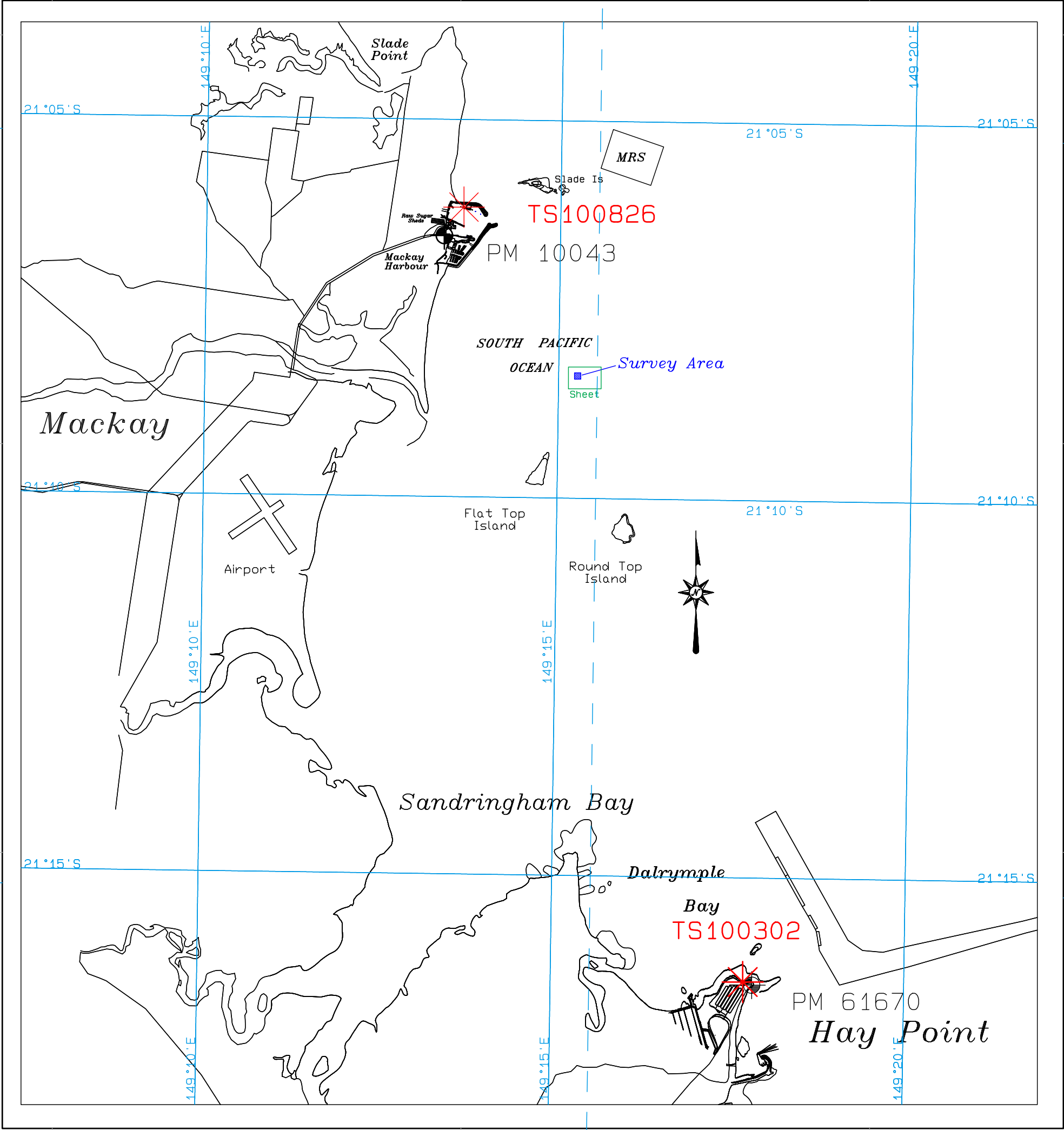


SURVEY CONTROL - MGA_ZONE 55 (GDA2020)					
POINT	EASTING	NORTHING	LAT	COMMENT	
PM 10043	730870.996	7664174.129	9.916	Hz: SCDB Hu: 0.015m (QLD ANJ24.03) , LAT: TGBM TS100826	
PM38627	738337	7645874	18.040	Hz: SCDB Hu: 250m (Pub: 18/01/2020) , LAT: TGBM TS100302	
PM 61670	738389.662	7645831.046	17.449	Hz: SCDB Hu: 0.016m (QLD ANJ24.03) , LAT: RM14 TS100302	



Mackay Habitat Reef (HR) Module Site - B

As Installed Position of Habitat Reef Modules_Site-B - MGA_ZONE 55 (GDA2020)						
HR Number	EASTING	NORTHING	LATITUDE	LONGITUDE	Minimum Depth (LAT)	COMMENTS
HR-1	734132	7660738	21° 08' .377 S	149° 15' .269 E	10.7	Centre Position of HR Module - MB
HR-2	734129	7660751	21° 08' .370 S	149° 15' .267 E	10.8	Centre Position of HR Module - MB
HR-3	734141	7660743	21° 08' .374 S	149° 15' .274 E	10.8	Centre Position of HR Module - MB
HR-4	734140	7660735	21° 08' .379 S	149° 15' .273 E	10.8	Centre Position of HR Module - MB
HR-5	734138	7660726	21° 08' .384 S	149° 15' .272 E	10.8	Centre Position of HR Module - MB
HR-6	734129	7660724	21° 08' .385 S	149° 15' .267 E	10.8	Centre Position of HR Module - MB
HR-7	734121	7660724	21° 08' .385 S	149° 15' .263 E	10.8	Centre Position of HR Module - MB
HR-8	734117	7660736	21° 08' .378 S	149° 15' .260 E	10.8	Centre Position of HR Module - MB
HR-9	734119	7660744	21° 08' .374 S	149° 15' .261 E	10.8	Centre Position of HR Module - MB
HR-10	734093	7660734	21° 08' .380 S	149° 15' .246 E	10.7	Centre Position of HR Module - MB
HR-11	734106	7660760	21° 08' .365 S	149° 15' .254 E	10.8	Centre Position of HR Module - MB
HR-12	734126	7660774	21° 08' .358 S	149° 15' .265 E	10.8	Centre Position of HR Module - MB
HR-13	734149	7660760	21° 08' .365 S	149° 15' .278 E	10.9	Centre Position of HR Module - MB
HR-14	734167	7660734	21° 08' .379 S	149° 15' .289 E	11.0	Centre Position of HR Module - MB
HR-15	734132	7660705	21° 08' .395 S	149° 15' .269 E	10.8	Centre Position of HR Module - MB



Locality Diagram Scale 1:1000,000

NOTES:

1) Refer to plan G301-008 for Multibeam depth soundings.

2) Georeferenced Multibeam image (.tif) was created in CARIS HIPS & SIPS V11.4.28 from surface M050005_Site-B_095mCube_FINAL.csw

3) Contours are computer generated to Hydrographic Standard (inclusive).

4) Coastline digitised from aerial photography is approximate only.

5) For survey control refer to plan G301-005.

Horizontal Datum

Base Station

Vertical Datum

Tide Notes

Depth Tolerance

MGA Zone 55 (GDA2020)

LAT based on TGBM (PSM 10043) RL 9.916m

Refer to plan G301-008

N/A

Horizontal Tolerance 1.5m

Weather 5-10kts SE

Vessel

Echo Sounder

Heaveometer

Horizontal Positioning

Data Collection/Processing

Tidal Reference Station

QG Norfolk

Kongsberg EK2040C Dual 320kHz

Applanix PosMV v5 FW v11.26 SW v11.21

Applanix PosMV v5 FW v11.26 SW v11.21

TS100826

TS100302

SOUNDINGS (m)

LEVELS (m)

2.5 below datum

0.7 above datum

0.9 above datum

1.3 below datum

SCALE 1 : 1000 AT A1

CLASS

CLIENT

N/A

RHM MACKAY

Signature

Hydrographic Surveyor

Surveyor

Checked

A Ghazanfar

T Reise

Queensland Government

HYDROGRAPHIC SERVICES

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MACKAY HABITAT REEF MODULES - SITE-B

MULTIBEAM IMAGE

21 JULY 2024

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Plot File

Job No.

Plan No.

G301010P1.PDF

MK050005

G301-010