

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6

Survey ID: GOFAR 2022

Site ID: GTF-01 (22)

MKIII

Instrument Number: 41

Instrument Name: Cocky

Checkout by: C. C.

Verified by: GA

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.29

+7VA =

+5VA = 4.995

-5VA = -5.006

Startup

Begin text capture (file name):

All connectors and cables seated:

Flash Card Label / Size: 41 Cocky 4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01

25

22

025

11

38

00

Tag: 0.000 2273

Parameters descrip:

Sample rate: 125 Hz # Ch: 4

Clock Drift Check:

ADC test OK:

Initialize the disk:

Wake up date/time:

01

25

22

025

13

00

00

UTC Local: 07:00:00

Clock Drift Check:

Begin (time cntng):

End text capture:

Dessicant/Purge:

Pre-deployment

Coils: B1 / North/South: BFC-392 B2 / East/West: BFC-372

Horizontal electrode White:

Green:

Black:

Red:

Compass S/N: ~~350290~~ Cocky

Compass ON: 7:28 local

Compass flash:

Strayline S/N:

Strayline test:

Deck check performed:

Acoustics

S/N: 30921

Receive Frequency: 11.0 kHz

Option 1: 173466

Disable: 172313

Enable: 172262

Release 1: 154245

Release 2: 154266

On-anchor chk: Primary V: 17.2

Off:

Secondary V: 16.8

Off:

Deployment

Date: 01/25/2022

Time: 07:40 (local)

Depth: 3424.6 m

Latitude: 3.9395° S

Longitude: 105.8415° W

Arrival time on seafloor:

Acoustics disabled @:

Recovery

Date: 2/22/22

Acoustics Enabled @: 07:16 PM

UTC

Release acknowledge: 07:19 PM

Liftoff from seafloor @: 07:24 PM

UTC 2 hr 50 min rise

ETA to surface @: 7:15 PM

7:05 PM

Time Sighted: 07:07 PM

UTC Shift D @: 02

23

22

54

01

34

40

Tag: 0.9676843

Closing block number: 7423140

Binary file name: GTF-01_41Cocky.bin

Compass heading: 272.5

Pitch: 3.2

Roll: 1.5

Notes

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: ^{UTC} -6

Survey ID: GOFAR 2022

Site ID: GTF-02 (23)

MKIII

Instrument Number: 26

Instrument Name: Dugite

Checkout by: C.C.

Verified by: CA

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32

+7VA =

+5VA = 4.980

-5VA = -5.011

Startup

Begin text capture (file name):

All connectors and cables seated: ✓

Flash Card Label / Size: 26 Dugite 4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01 25 22 025

12 00 00

Tag: 0.0002312

Parameters descrip: ✓

Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

01 25 22 025

14 00 00

UTC Local: 08:00:00

Clock Drift Check: ✓

Begin (time cntng): ✓

End text capture:

Dessicant/Purge: ✓

Pre-deployment

Coils: B1 / North/South: 314

B2 / East/West: 322

Horizontal electrode

White: SE-K85

Green: SE-K87

Black: SE-K86

Red: SE-K97

Compass S/N: Dugite

Compass ON: 8115 Local

Compass flash: ✓

Strayline S/N: DUGT

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 31443

Receive Frequency: 11.0 kHz

Option 1: 476211

Disable: 476173

Enable: 476150

Release 1: 452404

Release 2: 452427

On-anchor chk: Primary V:

17.0

Off: ✓

Secondary V: 17.6

Off: ✓

Deployment

Date: 01/25/2022

Time: 09:22

(local)

Depth: 3305.9 m

Latitude: 4.2199 °S

Longitude: 105.9005 °W

Arrival time on seafloor:

Acoustics disabled @:

Recovery

Date: 2/22/22

Acoustics Enabled @: 11:58

1 UTC

Release acknowledge: 12:01:32

1

Liftoff from seafloor @: 12:00

1 UTC

(2:0)

ETA to surface @: 14:41

1

UTC

Time Sighted: 14:47

UTC Shift D @:

02 22 22 053

21 12 57

Tag: 0.8578516

(reset)
(reset)

Closing block number: 7311548

Binary file name: GTF-02-26 Dugite.bin

Compass heading: 154.153

Pitch: 18.7

Roll: 7.7

Notes

The logger reset heading moved a lot

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF-03 (24)

MKIII Instrument Number: 14 Instrument Name: Magpie
Checkout by: C. C. Verified by: CT

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = +5VA = 4.970 -5VA = -5.017

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 14 Magpie 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	25	22	025
----	----	----	-----

12	32	00
----	----	----

 Tag: 0.000 2243

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	25	22	025
----	----	----	-----

14	00	00
----	----	----

 UTC Local: 08:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ ¹⁴ End text capture: 14 Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: 317 B2 / East/West: 418

Horizontal electrode White: WG1022 Green: WG1025 Black: WG0925 Red: WG0940

Compass S/N: MAGPIE Compass ON: 9:45 Compass flash: ✓

Strayline S/N: MGPI Strayline test: Deck check performed:

Acoustics S/N: 32259 Receive Frequency: 11.0 kHz Option 1: 613424

Disable: 613407 Enable: 613360 Release 1: 630746 Release 2: 630765

On-anchor chk: Primary V: 18.2 Off: ✓ Secondary V: 18.6 Off: ✓

Deployment Date: 1/25/22 Time: 16:18 UTC (10:18) Depth: 3289 m

Latitude: -4.37464 Longitude: -105.92558

Arrival time on seafloor: Acoustics disabled @: ON DECK

Recovery Date: 2/21/22 Acoustics Enabled @: 04:20 L ~~UTC~~

Release acknowledge: 04:37 L Liftoff from seafloor @: 04:41 UTC 2hr 39min rise

ETA to surface @: 07:20 L ~~UTC~~ Time Sighted: 07:19

UTC Shift D @:

02	21	22	052
----	----	----	-----

13	45	44
----	----	----

 Tag: 0.9723927

Closing block number: 7024104 Binary file name: GTF-03-14 Magpie

Compass heading: 125.25 Pitch: 3.5 Roll: -3.7

Notes Nav'd before recovery

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF1-01 (25)

MKIII Instrument Number: 42 Instrument Name: Currawong
Checkout by: C.C. Verified by: C.A.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.30 +7VA = N/A +5VA = 4.996 -5VA = -4.977

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 42 Currawong4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	28	22	028
----	----	----	-----

14	15	00
----	----	----

 Tag: 0.000 2283

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	28	22	028
----	----	----	-----

15	00	00
----	----	----

 UTC Local: 09:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BK-408 B2 / East/West: BFC-364

Horizontal electro White: SE-1980 Green: SE-1998 Black: SE-1991 Red: SE-1994

Compass S/N: CRV8 Compass ON: 0941 Compass flash: ✓

Strayline S/N: CRWG Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32339 Receive Frequency: 11.0 kHz Option 1: 621271

Disable: 621252 Enable: 621237 Release 1: 634602 Release 2: 634602 (3162)

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 17.6 Off: ✓

Deployment Date: 1/28/22 Time: 10:02(1) Depth: 3545.8 m

Latitude: 4.5562° S Longitude: 106.0021° W

Arrival time on seafloor: ✓ Acoustics disabled @: on deck

Recovery Date: 02/12/22 Acoustics Enabled @: 1105 UTC (5 photos)

Release acknowledge: 11:28 Liftoff from seafloor @: 11:33 UTC

ETA to surface @: 14:20 (0820e) UTC Time Sighted: ✓

UTC Shift D @:

02	12	22	043
----	----	----	-----

14	06	52
----	----	----

 Tag: 0.0232082

Closing block number: 3900952 02 12 22 043 14 44 18 0.3355547
3894188 Binary file name: GTF1-01-42Currawong.bin

Compass Heading: 79.3 Pitch: -0.5 Roll: -0.7

Notes

Compass N may be 10 S of mount
Custom spliced Acoustic breakout installed
Very quiet instrument → use higher gains; Nav'd 02 Feb 2022 03:55L

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: JTC -6 Survey ID: GOFAR 2022 Site ID: GTF 1-02(26)

MKIII

Instrument Number: 37

Instrument Name: Corella

Checkout by: C.C.

Verified by: R.E.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.34

+7VA = N/A

+5VA = 4.983

-5VA = -4.995

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 37 Corella 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	28	22	028
----	----	----	-----

13	48	00
----	----	----

 Tag: 0.000 2274

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	28	22	028
----	----	----	-----

15	00	00
----	----	----

 UTC Local: 09:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC-278 B2 / East/West: BFC-360

Horizontal electro: White: SE1201 Green: SE1204 Black: SE947 Red: SE 949

Compass S/N: CRLA Compass ON: 09/52 Compass flash: ✓

Strayline S/N: CRLA Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32279 Receive Frequency: 11.0 kHz Option 1: 615337

Disable: 615314 Enable: 615265 Release 1: 632174 Release 2: 632216

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 18.2 Off: ✓

Deployment Date: 01/28/2022 Time: 09:23 Depth: 3661.8 m

Latitude: 4.5576°S Longitude: 105.9736°W

Arrival time on seafloor: ✓ Acoustics disabled @: on deck

Recovery Date: 2/12/22 Acoustics Enabled @: 10:25 UTC

Release acknowledge: 10:40 Liftoff from seafloor @: 10:45 UTC

ETA to surface @: 13:38 (07381) UTC Time Sighted: ✓

UTC Shift D @:

02	12	22	043
----	----	----	-----

14	06	52
----	----	----

 Tag: 0.0232082

Closing block number: 3894188 Binary file name: GTF1-02-37Corella.bin

Compass Heading: 303.8 Pitch: 2.8 Roll: -1.9

Notes

Nav'ed 02 Feb. 2022 03:11 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF1-03 (27)

MKIII Instrument Number: 43 Instrument Name: Mozzie
Checkout by: C.C. Verified by: R. E.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = N/A +5VA = 4.969 -5VA = -5.012

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 43 Mozzie 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	28	22	028
----	----	----	-----

12	49	00
----	----	----

 Tag: 0.0002367

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ **ADC test OK:** ✓ Initialize the disk: ✓

Wake up date/time:

01	28	22	028
----	----	----	-----

14	00	00
----	----	----

 UTC Local: 08:00:00

Clock Drift Check: ✓ **Begin (time cntng):** ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC-323 B2 / East/West: BFC-376

Horizontal electrode **White:** WG-0506 **Green:** WG-0871 **Black:** WG-1130 **Red:** WG-1079

Compass S/N: MOZZIE Compass ON: 0846 Compass flash: ✓

Strayline S/N: MOZI Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32240 Receive Frequency: 11.0 kHz Option 1: 611571

Disable: 611552 Enable: 611537 Release 1: 627600 Release 2: 627623

On-anchor chk: Primary V: 17.4 Off: ✓ Secondary V: 17.6 Off: ✓

Deployment Date: 01/28/2022 Time: 08:57 Depth: 3671.7 m

Latitude: 4.5684°S Longitude: 105.9539°W

Arrival time on seafloor: ✓ Acoustics disabled @: on deck

Recovery Date: 2/12/22 Acoustics Enabled @: 23:45 2 UTC

Release acknowledge: 00:27:18 2 Liftoff from seafloor @: 00:32 2 UTC

ETA to surface @: 03:26 2 UTC Time Sighted: ✓

UTC Shift D @:

02	12	22	043
----	----	----	-----

09	56	45
----	----	----

 Tag: 0.9980301

Closing block number: 3859 828 Binary file name: GTF1-03-43Mozzie.bin

Compass Heading: 118.2 Pitch: 11.4 Roll: -17.7

Notes WV 00 Feb 01 @ 0:10

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF1-04 (28)

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF1-04 (28)

Checkout by: C.C. Verified by: C.A.

$$+7VD = 9.31 \quad +7VA = \quad +5VA = 4.991 \quad -5VA = -5.018$$

All connectors and cables seated: ☒ Flash Card Label / Size: 53 Maroon 4 GB

Synch with GPS @:

01	28	22	028
----	----	----	-----

11	51	00
----	----	----

 Tag: 0.0002259

Clock Drift Check: ✓ **ADC** test OK: ✓ Initialize the disk: ✓

Clock Drift Check: ✓ **B**egin (time cntng): ✓ End text capture: Dessicant/Purge: ✓

Horizontal electrode: White: WF1076 Green: WF1080 Black: WF150 Red: WF006

Strayline S/N: MARN Strayline test: Deck check performed: ☒

Disable: 621467 Enable: 621444 Release 1: 635025 Release 2: 635040

On-anchor chk: Primary V: 17.6 Off: ✓ Secondary V: 17.4 Off: ✓

Latitude: $4.5706^{\circ}S$ Longitude: $105.9384^{\circ}W$

Arrival time on seafloor: Acoustics disabled @: *on deck*

Release acknowledge: 10:49 Liftoff from seafloor @: 10:55 ~~UTC~~

ETA to surface @: 13:49 ~~UTC~~ Time Sighted: 13:55

UTC Shift D @:

02	15	22	046
----	----	----	-----

20	13	00
----	----	----

 Tag: 0.8801387

Closing block number: 4762804 Binary file name: GTF1-04_53 Mattson.bsm

Compass Heading: 332.4 Pitch: -9.1 Roll: -1.9

Notes Nav'ed 01 Feb 2022 0047 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF1-05 (29)

MKIII Instrument Number: 38 Instrument Name: stingray
Checkout by: EA Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.72 +7VA = N/A +5VA = 5 -5VA = -4.99

Startup Begin text capture (file name): /

All connectors and cables seated: ✓ Flash Card Label / Size: ✓ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 18 47 00 Tag: 0.000 2281

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time: 01 26 22 026 20 00 00 UTC Local: 14:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC-417 B2 / East/West: BFC-325

Horizontal electrode White: SE-1966 Green: SE-1990 Black: NA Red: SE-2001

Compass S/N: STNG Compass ON: ✓ Compass flash: 01/12

Strayline S/N: STNG Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32245 Receive Frequency: 11.0 kHz Option 1: 612142

Disable: 612127 Enable: 612104 Release 1: 630044 Release 2: 630067

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 18.0 Off: ✓

Deployment Date: 01/26/22 Time: 19:19 Depth: (3374) m *see note*

Latitude: -4.5728 Longitude: -105.9237

Arrival time on seafloor: ✓ Acoustics disabled @: ✓

Recovery Date: 2/12/22 Acoustics Enabled @: 1609 UTC

Release acknowledge: 1610 UTC Liftoff from seafloor @: 1615 UTC + 15 min delay = 16:30

ETA to surface @: 1859 UTC Time Sighted: 13:15 local

UTC Shift D @: 02 12 22 043 19 33 00 Tag: 0.9916800 (log)

Closing block number: 4419404 Binary file name: GTF1-05_38stingray.bin

Compass heading: 179.0 Pitch: 20.7 Roll: 11.4

Notes * depth estimated → sentry in the water → no multibeam

Nav'ed 01 Feb 2022 @ 01:17 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: ^{UTC} -6 Survey ID: GOFAR 2022 Site ID: GTF1-06 (30)

MKIII Instrument Number: 8 Instrument Name: Glider
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = N/A +5VA = 4.97 -5VA = -4.96

Startup Begin text capture (file name): /

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	26	22	026
----	----	----	-----

19	13	00
----	----	----

 Tag: 0.000 2264

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time:

01	26	22	026
----	----	----	-----

21	00	00
----	----	----

 UTC Local: 15:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: ☒ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-1205 B2 / East/West: BFC-398

Horizontal electrode White: WG-0989 Green: WG-0977 Black: WG-0822 Red: WG-0913

Compass S/N: GLDR Compass ON: 13:38 Compass flash: ☒

Strayline S/N: GLDR Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 32282 Receive Frequency: 11.0 kHz Option 1: 615544

Disable: 615521 Enable: 615502 Release 1: 632321 Release 2: 632349

On-anchor chk: Primary V: 17.8 Off: ☒ Secondary V: 18.0 Off: ☒

Deployment Date: 01/26/22 Time: 19:47 Depth: 3374 m *see notes 3600*

Latitude: -4.5743 Longitude: -105.9052

Arrival time on seafloor: / Acoustics disabled @: ☒

Recovery Date: 2/20/22 Acoustics Enabled @: 22:45 *UTC*

Release acknowledge: 23:03 *UTC* Liftoff from seafloor @: 23:08 *UTC*

ETA to surface @: 02:03 *UTC* Time Sighted: 02:05 *UTC*

UTC Shift D @:

02	21	22	052
----	----	----	-----

08	29	39
----	----	----

 Tag: 0.7687760

Closing block number: 66 30836 Binary file name: GTF1-06-8Glider.bin

Compass heading: 90.65 Pitch: 0.0 Roll: -32.15

Notes * depth estimated → sentry in → multibeam off

NAV'ED Jan 31 @ 13:00 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF1-07 (31)

MKIII Instrument Number: 2 Instrument Name: Goanna
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = N/A +5VA = 4.99 -5VA = -4.97

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: ✓ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 19 40 00 Tag: 0.000 2242

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time: 01 26 22 026 22 00 00 UTC Local: 16:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC-424 B2 / East/West: BFC-1204

Horizontal electrode White: WG-1123 Green: WG-1120 Black: WG-1158 Red: WG-1119

Compass S/N: GONA Compass ON: 14:09 Compass flash: ✓

Strayline S/N: GONA Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32283 Receive Frequency: 11.0 kHz Option 1: 615626

Disable: 615605 Enable: 615567 Release 1: 632387 Release 2: 632400

On-anchor chk: Primary V: 18.0 Off: ✓ Secondary V: 18.0 Off: ✓

Deployment Date: 01/26/22 Time: 20:15 Depth: 3374 m see notes 3637

Latitude: -4.5763 Longitude: -105.8907

Arrival time on seafloor: ✓ Acoustics disabled @: ✓

Recovery Date: 2/2/22 Acoustics Enabled @: 14:50 UTC ✓

Release acknowledge: 14:55:40 ✓ Liftoff from seafloor @: 15:00 UTC ✓

ETA to surface @: 18:02 ✓ UTC Time Sighted: 17:55

UTC Shift D @: 02 13 22 044 00 21 00 Tag: 0.8265292

Closing block number: 4449764 Binary file name: GTF1-07-2Goanna.bin

Compass heading: 242.0 Pitch: -1.6 Roll: 4.8

Notes * depth lost → sentry in → MBES off DEPTH 3637
Noted Jan 31 @ 14:50 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6

Survey ID: GOFAR 2022

Site ID: GTF1-08 (32)

MKIII

Instrument Number: 30

Instrument Name: Mantis

Checkout by: EA

Verified by: _____

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32

+7VA = N/A

+5VA = 4.98

-5VA = -4.99

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 20 09 00 Tag: 0.000 2267

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 26 22 026 22 00 00 UTC Local: 16:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: _____

Pre-deployment Coils: B1 / North/South: BFC-1202 B2 / East/West: BFC-1201

Horizontal electrode White: SE-1411 Green: SE-1410 Black: SE-1410 Red: SE-1408

Compass S/N: MNTS Compass ON: 14:32 Compass flash: ☒

Strayline S/N: MNTS Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 30364 Receive Frequency: 11.0 kHz Option 1: 101733

Disable: 101710 Enable: 101661 Release 1: 123721 Release 2: 123744

On-anchor chk: Primary V: 17.4 Off: ☒ Secondary V: 17.8 Off: ☒

Deployment Date: _____ Time: 20:39 Depth: 3374 m

Latitude: -4.5848 Longitude: -105.8845

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/14/22 Acoustics Enabled @: 08:09 UTC

Release acknowledge: 08:22 UTC Liftoff from seafloor @: 08:26 UTC

ETA to surface @: 11:18 (05:18L) UTC Time Sighted: 11:09

UTC Shift D @: 02 14 22 045 11 38 45 Tag: 0.8152556

Closing block number: 4832480 Binary file name: GTF1-08-30Mantis.bin

Compass heading: 40.0 Pitch: 2.6 Roll: 38.15

Notes * last depth → sentry in → MBES off

NAVED Jan 31 @ 15:38

Early adjust depth

see notes 3628 measured near station on recovery

could be early!

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6

Survey ID: GOFAR 2022

Site ID: GTF1-09 (33)

MKIII

Instrument Number: 40

Instrument Name: Rabbit

Checkout by: EA

Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32

+7VA = N/A

+5VA = 4.98

-5VA = -5.01

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒

Flash Card Label / Size: ☒

4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01 26 22 026

20 35 00

Tag: 0.0002278

Parameters descrip: GOFAR

Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

01 26 22 026

23 00 00

UTC Local: 17:00

Clock Drift Check: ☒

Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils: B1 / North/South: BFC-1206

B2 / East/West: BFC-304

Horizontal electro: White: SE-1977

Green: SE-1986

Black: SE-1968

Red: SE-1992

Compass S/N: RABT

Compass ON: 14:52

Compass flash: ☒

Strayline S/N: RABT

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32276

Receive Frequency: 11.0 kHz

Option 1: 615107

Disable: 615076

Enable: 615055

Release 1: 632026

Release 2: 632043

On-anchor chk: Primary V: 16.8

Off: ☒

Secondary V: 17.2

Off: ☒

Deployment Date: 01/26/22

Time: 21:05

Depth: 3362 m

Latitude: -4.5868

Longitude: -105.8699

Arrival time on seafloor: _____

Acoustics disabled @: ☒

Recovery

Date: 02/14/22

Acoustics Enabled @: 08:34

UTC

Release acknowledge: 0915

UTC

Liftoff from seafloor @: 09:19

UTC

ETA to surface @: 1157 (05:52)

UTC

Time Sighted: 06:10

UTC Shift D @: 02 14 22 045

13 16 33

Tag: 0.8361673

Closing block number: 4839312

Binary file name: GTF1-09-40Rabbit.bin

Compass Heading: 176.6

Pitch: -7.8

Roll: 6.2

Notes

NAVED Jan 31 @ 16:15 local

Strange noise? on Channel 4
Can process through it

2hr 38min
adjust depth

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: ^{UTC} -6 Survey ID: GOFAR 2022 Site ID: GTF1-10 (34)

MKIII Instrument Number: 51 Instrument Name: Yabby
Checkout by: EA Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = N/A +5VA = 4.99 -5VA = -4.99

Startup Begin text capture (file name):

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	26	22	026
----	----	----	-----

20	59	00
----	----	----

 Tag:

0.000	2263
-------	------

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time:

01	26	22	026
----	----	----	-----

23	00	00
----	----	----

 UTC Local: 17:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: ☐ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-384 B2 / East/West: BFC-414

Horizontal electrode **White:** WG-1054 **Green:** WG-1047 **Black:** WG-1105 **Red:** WG-1082

Compass S/N: YABY Compass ON: 15:32 Compass flash: ☒

Strayline S/N: YABY Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 32333 Receive Frequency: 11.0 kHz Option 1: 620620

Disable: 620603 Enable: 620501 Release 1: 634313 Release 2: 634330

On-anchor chk: Primary V: 17.4 Off: ☒ Secondary V: 17.4 Off: ☒

Deployment Date: 01/26/22 Time: 22:57 Depth: 3498 m

Latitude: -4.60053 Longitude: -105.82614

Arrival time on seafloor: ~~23:28~~ Acoustics disabled @: ☒

Recovery Date: 2/15/22 Acoustics Enabled @: 23:20 ~~23:28~~

Release acknowledge: 23:22:52 ~~23:28~~ Liftoff from seafloor @: 23:28 ~~23:28~~

ETA to surface @: 2/15/22 02:13 ~~02:11~~ Time Sighted: 02:11 ~~02:11~~

UTC Shift D @:

02	16	22	047
----	----	----	-----

08	35	37
----	----	----

 Tag: 0.9014753

Closing block number: 5309084 Binary file name: GTF1-10-51Yabby.bin

Compass heading: 210.65 Pitch: 623 11.6 Roll: 3.7

Notes

NAVED Jan 31 @ 17:28 local

3248

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6Survey ID: GOFAR 2022Site ID: GTF2-01(35)**MKIII**Instrument Number: 24Instrument Name: GalahCheckout by: C.C.Verified by: RE**Batteries: 3 strings of 9V from alkaline pack**+7VD = 9.32+7VA = +5VA = 5.005-5VA = -4.996**Startup** Begin text capture (file name): ✓All connectors and cables seated: ✓ Flash Card Label / Size: 24 Galah 4 GBChannel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EYSynch with GPS @:

01	27	22	027
----	----	----	-----

17	13	00
----	----	----

 Tag: 0.0002299Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓Wake up date/time:

01	27	22	027
----	----	----	-----

18	00	00
----	----	----

 UTC Local: 12:00:00Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: Dessicant/Purge: ✓**Pre-deployment** Coils: B1 / North/South: BFC-391 B2 / East/West: BFC-335Horizontal electrode White: SE1981 Green: SE1985 Black: SE1969 Red: SE1993Compass S/N: GALA Compass ON: 13:49 Compass flash: ✓Strayline S/N: GALA Strayline test: Deck check performed: **Acoustics** S/N: 32277 Receive Frequency: 11.0 kHz Option 1: 615162Disable: 615141 Enable: 615124 Release 1: 632060 Release 2: 632111On-anchor chk: Primary V: 18.0 Off: ✓ Secondary V: 18.0 Off: ✓**Deployment** Date: 01/27/22 Time: 19:09 Depth: 3053 mLatitude: -4.52219 Longitude: -105.86816Arrival time on seafloor: Acoustics disabled @: ✓**Recovery** Date: 02/13/22 Acoustics Enabled @: 21:07 UTC Release acknowledge: 21:09 l Liftoff from seafloor @: 21:18 l UTC ETA to surface @: 2336 l UTC Time Sighted: 23:39 lUTC Shift D @:

02	14	22	045
----	----	----	-----

06	01	00
----	----	----

 Tag: 0.8907313Closing block number: 4554584 Binary file name: GTF2-01-24Galah.bin**Compass** Heading: 173.3 Pitch: -8.7 Roll: -3.9**Notes**

Nav'ed 01 Feb 2022 03:40 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTCSurvey ID: GOFAR 2022Site ID: GTF2-02 (36)**MKIII**Instrument Number: 45Instrument Name: RedbackCheckout by: EAVerified by: JP**Batteries: 3 strings of 9V from alkaline pack**+7VD = 9.32+7VA = N/A+5VA = 4.97-5VA = -4.99**Startup** Begin text capture (file name): /All connectors and cables seated: ☒Flash Card Label / Size: ☒

4 GB

Channel configuration

Ch. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

01 27 22 02719 09 00Tag: 0.000 229 /Parameters descrip: ☒Sample rate: 125 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

01 27 22 02722 00 00UTC Local: 16:00Clock Drift Check: ☒Begin (time cntng): ☒End text capture: ☒Dessicant/Purge: ☒**Pre-deployment**Coils: B1 / North/South: BFC-365 B2 / East/West: BFC-375

Horizontal electro

White: WG124Green: WG0795Black: WG0932Red: WG0998Compass S/N: REDBACKCompass ON: 14:30Compass flash: ☒Strayline S/N: REDBACKStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32285Receive Frequency: 11.0 kHzOption 1: 615774Disable: 615757Enable: 615732Release 1: 632514Release 2: 632537On-anchor chk: Primary V: 17.8Off: ☒Secondary V: 17.6Off: ☒**Deployment**Date: 01/27/22Time: 20:38Depth: 3346 mLatitude: -4.51910Longitude: -105.88849Arrival time on seafloor: 14:33Acoustics disabled @: ☒**Recovery**Date: 2/13/22Acoustics Enabled @: 22:17UTC ☒Release acknowledge: 22:35Liftoff from seafloor @: 22:40UTC ☒ETA to surface @: 01:17UTC ☒Time Sighted: 01:17

UTC Shift D @:

02 14 22 04507 37 36Tag: 0.8639926Closing block number: 4528660Binary file name: GTF2-02-45Redback.bin**Compass** Heading: 135.65Pitch: 20.1Roll: 12.8**Notes**Nav'ed 01 Feb. 202204:09 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC

Survey ID: GOFAR 2022

Site ID: GTF2-03 (37)

MKIII

Instrument Number: 50

Instrument Name: Koala

Checkout by: EA

Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.33

+7VA = N/A

+5VA = 4.99

-5VA = -4.99

Startup Begin text capture (file name):

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 19 41 00 Tag: 0.000 2282

Parameters descrip: ☒ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 23 00 00 UTC Local: 17:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: ☒ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-313 B2 / East/West: BFC-1203

Horizontal electrode White: SE1964 Green: SE1971 Black: SE1970 Red: SE1988

Compass S/N: KOALA Compass ON: 14:49 Compass flash: ☒

Strayline S/N: KOALA Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 31548 Receive Frequency: 11.0 kHz Option 1: 503475

Disable: 503456 Enable: 503433 Release 1: 525074 Release 2: 525105

On-anchor chk: Primary V: 18.0 Off: ☒ Secondary V: 18.0 Off: ☒

Deployment Date: 01/27/22 Time: 20:58 Depth: 3338 m

Latitude: -4.51774 Longitude: -105.90743

Arrival time on seafloor: 14:52 Acoustics disabled @: ☒

Recovery Date: 2/16/22 Acoustics Enabled @: 03:30 L UTC

Release acknowledge: 04:01 L Liftoff from seafloor @: 04:06 L UTC 2 hr 37 min rise

ETA to surface @: 06:43 L UTC Time Sighted: 4

UTC Shift D @: 02 16 22 047 13 21 15 Tag: 0.8252395

Closing block number: 5100404 Binary file name: GTF2-03-50Koala.bin

Compass Heading: 269.3 Pitch: 4.9 Roll: 1.75

Notes Not near stat top??

Clean acoustics b4 processing
2nd NAV on 10 Feb @ 16:15p

Nav'ed 02 Feb. 2022
@ 07:30L

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF2-04 (38)

MKIII Instrument Number: 18 Instrument Name: Devi1
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = N/A +5VA = 4.97 -5VA = -5.01

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 20 18 00 Tag: 0.0002082

Parameters descrip: ☒ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 23 00 00 UTC Local: 17:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-359 B2 / East/West: BFC-406

Horizontal electrode White: NG1017 Green: NG1077 Black: WG0602 Red: WG0460

Compass S/N: DEVL Compass ON: 15:14 Compass flash: ☒

Strayline S/N: DEVL Strayline test: _____ Deck check performed: _____

Acoustics S/N: 32252 Receive Frequency: 11.0 kHz Option 1: 612712

Disable: 612663 Enable: 612640 Release 1: 630407 Release 2: 630424

On-anchor chk: Primary V: 18.2 Off: ☒ Secondary V: 18.4 Off: ☒

Deployment Date: 01/27/22 Time: 21:20 Depth: 3278 m

Latitude: -4.50922 Longitude: -105.9253

Arrival time on seafloor: _____ Acoustics disabled @: ☒ 15:15

Recovery Date: 02/11/22 Acoustics Enabled @: 18:58 UTC

Release acknowledge: 19:50 Liftoff from seafloor @: 19:55 UTC

ETA to surface @: 22:40 UTC Time Sighted: 22:35

UTC Shift D @: 02 12 22 043 05 15 00 Tag: 0.8566252 (lag)

Closing block number: 3971572 Binary file name: GTF2-04-18Devi1.bin

Compass Heading: 27.3 Pitch: 0.8 Roll: 22.6

Notes

Nav'ed on 2 Feb. 2022 @ 06:39 Local
Very pronounced bands of energy in mags
(some visible in electrics, too)

Site ID: GTF2-05 (39)

Instrument Name: Quindal

Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

$$-5VA = -4.994$$

Startup Begin text capture (file name): ✓

All connectors and cables seated: ☒ Flash Card Label / Size: 11 Quindal 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	25	22	025
----	----	----	-----

17	02	00
----	----	----

Tag: 0.000 2270

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ **ADC** test OK: ✓ Initialize the disk: ✓

Wake up date/time: 01 25 22 025 18 00 00 UTC Local: 12:00

Clock Drift Check: ✓ **B**egin (time cntng): ✓ End text capture: Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC 312 B2 / East/West: RFC 404

Horizontal electrode: White: WG 1170 Green: ~~WG 0965~~ Black: WG 0965 Red: WG 0947

Compass S/N: QUNNDAL Compass ON: ☒ 1151 total Compass flash: ☒

Strayline S/N: Strayline test: Deck check performed:

Acoustics S/N: 30907 Receive Frequency: 11.0 kHz Option 1: 172131

Disable: 171404 Enable: 171363 Release 1: 153352 Release 2: 153371

On-anchor chk: Primary V: 17.06 Off: ☒ Secondary V: 18.2 Off: ☒

Deployment Date: 1/25/22 Time: 12:02 Beat: 646 Depth: 3401 m

Latitude: ~~004~~ 4.50726 Longitude: ~~004.50727~~ -105.94304

Arrival time on seafloor: Acoustics disabled @:

Recovery Date: 02/11/22 Acoustics Enabled @: 18:20 UTC

Release acknowledge: 18:45 Liftoff from seafloor @: 18:50 UTC

ETA to surface @: 21:41 UTC Time Sighted: 21:37

UTC Shift D @:

02	/	22	043
----	---	----	-----

04	05	00
----	----	----

 Tag:

0.9496268

 (log)

Closing block number: 4533620 Binary file name: GTF2-05-11Quinda1.bin

Compass Heading: 196.9 Pitch: -3.8 Roll: 3.0

Notes Difficult new time \rightarrow turn up gain?

Nav'ed 31 Jan 2022 - 1st NAV
Nav'ed 10 Feb @ 16:45P - 2nd NAV

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: ^{UTC} -6 Survey ID: GOFAR 2022 Site ID: GTF2-06 (40)

MKIII Instrument Number: 35 Instrument Name: Rosella
Checkout by: C.C. Verified by: RLW

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = / +5VA = 4.964 -5VA = -5.001

Startup Begin text capture (file name): /

All connectors and cables seated: / Flash Card Label / Size: 35 Rosella 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	25	22	025
----	----	----	-----

16	37	00
----	----	----

 Tag: 0.0002350

Parameters descrip: / Sample rate: 125 Hz # Ch: 4

Clock Drift Check: / ADC test OK: / Initialize the disk: /

Wake up date/time:

01	25	22	025
----	----	----	-----

18	00	00
----	----	----

 UTC Local: 12:00:00

Clock Drift Check: / Begin (time cntng): / End text capture: / Dessicant/Purge: /

Pre-deployment Coils: B1 / North/South: BFC-399 B2 / East/West: BFC-411

Horizontal electro: White: SE 1209 Green: SE 170 Black: WG 176 Red: E-029

Compass S/N: /ROSE Compass ON: 11:24 Compass flash: /

Strayline S/N: RSLA Strayline test: / Deck check performed: /

Acoustics S/N: 32326 Receive Frequency: 11.0 kHz Option 1: 620070

Disable: 620053 Enable: 620036 Release 1: 633753 Release 2: 633770

On-anchor chk: Primary V: 17.2 Off: / Secondary V: 18.2 Off: /

Deployment Date: 1/25/22 Time: 1131 Depth: 3211 m

Latitude: 4.5062°S Longitude: 105.9599°W

Arrival time on seafloor: / Acoustics disabled @: /

Recovery Date: 2/10/22 Acoustics Enabled @: 14:30 UTC

Release acknowledge: 15:01:30 L: / Liftoff from seafloor @: 15:07 L: / UTC

ETA to surface @: 17:48 L: / UTC Time Sighted: 18:00

UTC Shift D @:

02	11	22	042
----	----	----	-----

00	19	00
----	----	----

 Tag: 0.0349488

Closing block number: 4232536 Binary file name: GTF2-06-35Rosella.a.bin

Compass Heading: 49.3 Pitch: -30.9 Roll: 14.1

Notes

Nav'ed 02 Feb 2022
*Ex noisy (w/ G electrodes mv offset = 0.4) 05:11 local - 1st NAV
NAVED Feb 10 2022 @ 15:00 local - 2nd NAV + Recovery

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTCSurvey ID: GOFAR 2022Site ID: GTF3-01 (41)

MKIII

Instrument Number: 10Instrument Name: BunyipCheckout by: C.C.Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31~~+7VA =~~+5VA = 5.003-5VA = -4.993

Startup

Begin text capture (file name): ✓All connectors and cables seated: ✓ Flash Card Label / Size: 10 Bunyip 4 GB

Channel configuration

Ch. 1 BXCh. 2 BYCh. 3 EXCh. 4 EYSynch with GPS @:

01	25	22	025
----	----	----	-----

16	13	00
----	----	----

 Tag: 0.000 22 99Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓Wake up date/time:

01	25	22	025
----	----	----	-----

17	00	00
----	----	----

 UTC Local: 11:00:00Clock Drift Check: ✓ Begin (time cntng): End text capture: Dessicant/Purge:

Pre-deployment

Coils: B1 / North/South: BFC-402B2 / East/West: BFC-388Horizontal electrode White: SE-1979 Green: SE-1976 Black: SE-2000 Red: SE-1997Compass S/N: BNYP Compass ON: 10:43 Compass flash: ✓Strayline S/N: BNYP Strayline test: Deck check performed: ✓

Acoustics

S/N: 32243Receive Frequency: 11.0 kHz Option 1: 612010Disable: 611762 Enable: 611741 Release 1: 627752 Release 2: 627771On-anchor chk: Primary V: 17.4 Off: ✓ Secondary V: 17.4 Off: ✓

Deployment

Date: 01/25/2022Time: 11:01 localDepth: 3418 mLatitude: 4.4802 °SLongitude: 105.9417 °WArrival time on seafloor: Acoustics disabled @: ✓

Recovery

Date: 02/11/22Acoustics Enabled @: 17:59 l UTCRelease acknowledge: 18:01 l Liftoff from seafloor @: 18:05 l UTCETA to surface @: 20:57 l UTC Time Sighted: 20:52UTC Shift D @:

02	12	22	043
----	----	----	-----

03	20	00
----	----	----

 Tag: 0.0010235Closing block number: 4536332 Binary file name: GTF3-01-10Bunyip.binCompass heading: 276 Pitch: 5.6 Roll: 5.9

Notes

Nav'd 2 Feb. 2022 @ 05:59 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR2022 Site ID: GTF3-02 (42)

MKIII

Instrument Number: 52

Instrument Name: Bilby

Checkout by: C.C.

Verified by: EA

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32

+7VA = X

+5VA = 4.974

-5VA = -4.999

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 52 Bilby 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 25 22 025 17 29 00 Tag: 0.0002278

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time: 01 25 22 025 18 00 00 UTC Local: 12:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: 409 B2 / East/West: 363

Horizontal electrode White: 1112 Green: 1113 Black: 1115 Red: 1116

Compass S/N: Bilby Compass ON: 12:19.2 Compass flash: ✓

Strayline S/N: 78389 Strayline test: ✓ Deck check performed: ✓

Acoustics S/N: 32323 Receive Frequency: 11.0 kHz Option 1: 617644

Disable: 617621 Enable: 617602 Release 1: 633601 Release 2: 633622

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 17.6 Off: ✓

Deployment Date: 01/25/2022 Time: 12:27 Depth: 3441 m

Latitude: -4.52430 Longitude: -105.95145

Arrival time on seafloor: ✓ Acoustics disabled @: ON DECK

Recovery Date: 2/11/22 Acoustics Enabled @: 22:53 UTC ✓

Release acknowledge: 22:56 Lutoff from seafloor @: 23:01 UTC ✓

ETA to surface @: 01:42 UTC Time Sighted: ✓

UTC Shift D @: 02 12 22 043 08 04 36 Tag: .0309136

Closing block number: 45 76912 Binary file name: GTF3-02-52Bilby.bin

Compass Heading: 259.9 Pitch: -1.8 Roll: 3.5

Notes

Nav'ed 31 Jan 2022 0748 (local)

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6

Survey ID: GOFAR 2022

Site ID: GTF3-03 (43)

MKIII

Instrument Number: 19

Instrument Name: Emu

Checkout by: C. C.

Verified by: C. A.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32

+7VA = N/A

+5VA = 5.004

-5VA = -5.017

Startup

Begin text capture (file name): ✓

All connectors and cables seated: ✓

Flash Card Label / Size: 19 Emu 4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01

28

22

028

11

03

00

Tag: 0.0002408

Parameters descrip: ✓

Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

01

28

22

028

13

00

00

UTC Local: 07:00:00

Clock Drift Check: ✓

Begin (time cntng): ✓

End text capture: ✓

Dessicant/Purge: ✓

Pre-deployment

Coils: B1 / North/South: BFC-326

B2 / East/West: BFC-390

Horizontal electrode White: SE-1623

Green: SE-1622

Black: SE-1554

Red: SE-1671

Compass S/N: EMU

Compass ON: 0700 L

Compass flash: ✓

Strayline S/N: EMU

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32247

Receive Frequency: 11.0 kHz Option 1: 612317

Disable: 62266

Enable: 612295

Release 1: 630150

Release 2: 630173

On-anchor chk: Primary V: 18.6

Off: ✓

Secondary V: 18.9

Off: ✓

Deployment

Date: 01/28/2022

Time: 07:23 L

Depth: 3717 m

Latitude: 4.5518°S

Longitude: 105.9520°W

Arrival time on seafloor: ✓

Acoustics disabled @: on deck

Recovery

Date: 2/11/22

Acoustics Enabled @: disabled on deck 23:15 L

Release acknowledge: 22/11/22 L

Liftoff from seafloor @: UTC 23:15 L

ETA to surface @:

UTC Time Sighted:

UTC Shift D @:

02

12

22

043

09

09

32

Tag: 0.0379733

Closing block number: 386 2143

Binary file name: GTF3-03-19Emu.bin

Compass

Heading: 200.5

Pitch: 3.7

Roll: 2.7

Notes

Nav'ed 31 Jan 2022 @ 0700 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022

Site ID: GTF3-04 (44)

MKIII

Instrument Number: 13

Instrument Name: Lerp

Checkout by: C.C.

Verified by: C.A.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.30

+7VA = N/A

+5VA = 4.986

-5VA = -4.996

Startup

Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 13 Lerp 4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01	28	22	028
----	----	----	-----

11	29	00
----	----	----

 Tag: 0.000 2292

11:29:00

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	28	22	028
----	----	----	-----

13	00	00
----	----	----

 UTC Local: 07:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: ✓ Dessicant/Purge: ✓

Pre-deployment

Coils: B1 / North/South: BFC-362 B2 / East/West: BFC-374

Horizontal electro: White: SE-1967 Green: SE-1983 Black: SE-1960 Red: SE-1984

Compass S/N: LERP Compass ON: 07531 Compass flash: ✓

Strayline S/N: LERP Strayline test: ✓ Deck check performed: ✓

Acoustics

S/N: 30948

Receive Frequency: 11.0 kHz Option 1: 173154

Disable: 171442 Enable: 171427 Release 1: 153416 Release 2: 153435

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 18.0 Off: ✓

Deployment

Date: 01/28/2022

Time: 08:02 (L)

Depth: 3753.1 m

Latitude: 4.58 54° S

Longitude: 105.9549° W

Arrival time on seafloor: ✓ Acoustics disabled @: on deck

Recovery

Date: 2/16/22

Acoustics Enabled @: 09:44 UTC

Release acknowledge: 2° @ 09:54 Liftoff from seafloor @: 09:58 UTC

ETA to surface @: 12:56 (06:58L) UTC Time Sighted: 06:53

UTC Shift D @:

02	12	22	043
----	----	----	-----

13	21	15
----	----	----

 Tag: D-9881632

Closing block number: 3907632 Binary file name: ✓

Compass heading: 207.8 Pitch: 19.7 Roll: 29.3

Notes

NAV'ED on Feb 2, @ 13:15 local
hard to send commands but on a ridge
Noisy Ch 1

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTCSurvey ID: GOFAR 2022Site ID: GTF3-06 GTF3-05 (45)**MKIII**Instrument Number: 17Instrument Name: WallabyCheckout by: C.C.Verified by: CA**Batteries: 3 strings of 9V from alkaline pack**+7VD = 9.32+7VA = +5VA = 4.989-5VA = -4.985**Startup**Begin text capture (file name): ✓All connectors and cables seated: ✓Flash Card Label / Size: 17 Wallaby 4 GB

Channel configuration

Ch. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

012722027154500Tag: 0.000 2305Parameters descrip: ✓Sample rate: 125 Hz # Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

012722027170000UTC Local: 11:00:00Clock Drift Check: ✓Begin (time cntng): ✓End text capture: Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: BFC-369B2 / East/West: BFC-305Horizontal electro: White:WB-0486Green:WB-0473Black:SE 579Red:SE-565Compass S/N: WLB4Compass ON: 11:25LCompass flash: ✓Strayline S/N: WLB4Strayline test: ✓Deck check performed: ✓**Acoustics**S/N: 31532Receive Frequency: 11.0 kHzOption 1: 502041Disable: 502024Enable: 502007Release 1: 524066Release 2: 524117On-anchor chk: Primary V: 18.4Off: ✓Secondary V: 18.4Off: ✓**Deployment**Date: 1/27/22Time: 17:40Depth: 3278 mLatitude: -4.60182Longitude: -105.95520Arrival time on seafloor: Acoustics disabled @: 11:23 ✓**Recovery**Date: 02/15/22Acoustics Enabled @: 11:01LUTCRelease acknowledge: 11:55LLiftoff from seafloor @: 11:59LUTC2hr 34minETA to surface @: 14:33LTime Sighted: 14:35L

UTC Shift D @:

021522046205800Tag: 0.9776539Closing block number: 498776Binary file name: GTF3-05_17Wallaby.binCompass Heading: 53.7Pitch: 6.5Roll: -33.7**Notes**NAVED at Feb 02, @ 12:28

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: ^{UTC} -6 Survey ID: GOFAR 2022 Site ID: GTF3-06 (46)

MKIII Instrument Number: 16 Instrument Name: Possum
Checkout by: C.C. Verified by: R.E.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.19 +7VA = +5VA = 4.997 -5VA = -4.977

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 16 Possum 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	27	22	027
----	----	----	-----

15	15	00
----	----	----

 Tag: 0.000 2299

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	27	22	027
----	----	----	-----

16	00	00
----	----	----

 UTC Local: 10:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BFC-320 B2 / East/West: BFC-354

Horizontal electro White: WG-1161 Green: WG-1164 Black: WG-1095 Red: WG-1099

Compass S/N: Posm Compass ON: 1028 Compass flash: ✓

Strayline S/N: Posm Strayline test: Deck check performed:

Acoustics S/N: 32292 Receive Frequency: 11.0 kHz Option 1: 616517

Disable: ~~616~~ 616466 Enable: 616445 Release 1: 633051 Release 2: 633072

On-anchor chk: Primary V: 18.6 Off: ✓ Secondary V: 18.8 Off: ✓

Deployment Date: 1/27/22 Time: 11:07 (L) Depth: 3248.1 m

Latitude: 4.6250° S Longitude: 105.9583° W

Arrival time on seafloor: Acoustics disabled @: 1030

Recovery Date: 2/15/22 Acoustics Enabled @: 12:05 L UTC

Release acknowledge: 12:41 Liftoff from seafloor @: 12:46 UTC

ETA to surface @: 15:18 L UTC Time Sighted:

UTC Shift D @:

02	15	22	046
----	----	----	-----

21	45	30
----	----	----

 Tag: 0.0047134

Closing block number: 5007204 Binary file name: GTF3-06-16Possum.bin

Compass Heading: 27.9 Pitch: -0.9 Roll: -5.2

Notes

Nav'ed 02 Feb. 2022 @ 11:47 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF4-01 (48)

MKIII Instrument Number: 56 Instrument Name: Quoll

Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.34 +7VA = N/A +5VA = 4.98 -5VA = -4.97

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	27	22	027
----	----	----	-----

18	24	00
----	----	----

 Tag: 0.0002284

Parameters descrip: ☒ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time:

01	27	22	027
----	----	----	-----

22	00	00
----	----	----

 UTC Local: 16:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-412 B2 / East/West: BFC-330

Horizontal electro White: SE1393 Green: SE1395 Black: SE1394 Red: SE1427

Compass S/N: QUOL Compass ON: 18:59 Compass flash: ☒

Strayline S/N: QUOL Strayline test: _____ Deck check performed: _____

Acoustics S/N: 32273 Receive Frequency: 11.0 kHz Option 1: 014672

Disable: 014651 Enable: 014634 Release 1: 031640 Release 2: 031712

On-anchor chk: Primary V: 18.2 Off: ☒ Secondary V: 18.0 Off: ☒

Deployment Date: 01/27/22 Time: 20:08 Depth: 3343 m

Latitude: -4.49003 Longitude: -105.88379

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/21/22 Acoustics Enabled @: 2/21/22 23:41 UTC

Release acknowledge: 00:23 UTC Liftoff from seafloor @: 00:28 UTC

ETA to surface @: 03:05 UTC Time Sighted: 03:10 UTC

UTC Shift D @:

02	21	2022	052
----	----	------	-----

09	33	36
----	----	----

 Tag: 0.8011865

Closing block number: 6371494 Binary file name: GTF4-01-56Quoll.bin

Compass heading: 269.5 Pitch: -6.05 Roll: 3.2

Notes

Nav'ed 02 Feb 2022 @ 08:10 local
Bad Ch 4 after ~2.5 days

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF4-02 (49)

MKIII Instrument Number: 36 Instrument Name: Camel
Checkout by: C.C. Verified by: EA

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = / +5VA = 4.988 -5VA = -4.979

Startup Begin text capture (file name): /

All connectors and cables seated: / Flash Card Label / Size: 36 Camel 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	27	22	027
----	----	----	-----

16	29	00
----	----	----

 Tag: 0.0002307

Parameters descrip: / Sample rate: 125 Hz # Ch: 4

Clock Drift Check: / ADC test OK: / Initialize the disk: /

Wake up date/time:

01	27	22	027
----	----	----	-----

18	00	00
----	----	----

 UTC Local: 12:00:00

Clock Drift Check: / Begin (time cntng): / End text capture: / Dessicant/Purge: /

Pre-deployment Coils: B1 / North/South: BFC-370 B2 / East/West: BFC-419

Horizontal electrode White: SE1207 Green: SE1208 Black: SE092 Red: SE151

Compass S/N: CAML Compass ON: 11:57 Compass flash: /

Strayline S/N: / Strayline test: / Deck check performed: /

Acoustics S/N: 22291 Receive Frequency: 11.0 kHz Option 1: 616420

Disable: 616403 Enable: 616364 Release 1: 633017 Release 2: 633034

On-anchor chk: Primary V: 17.6 Off: / Secondary V: 17.4 Off: /

Deployment Date: 01/27/22 Time: 18:25 Depth: 3331 m

Latitude: -4.53659 Longitude: -105.89061

Arrival time on seafloor: / Acoustics disabled @: /

Recovery Date: 02/16/22 Acoustics Enabled @: 02:59 L UTC

Release acknowledge: 0316 L Liftoff from seafloor @: 03:21 L UTC

ETA to surface @: 05:58 L UTC Time Sighted: /

UTC Shift D @:

12	31	22	047
----	----	----	-----

12	31	27
----	----	----

 Tag: 0.9316378

Closing block number: 5145620 Binary file name: GTF4-02-36Camel.bin

Compass Heading: 225.3 Pitch: -1.9 Roll: 2.3

Notes

Nav'ed 01 Feb 2022 @ 04:37 local
very sandy receiver

2hr 37min
risc

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF4-03 (50)

MKIII Instrument Number: 23 Instrument Name: R00
Checkout by: EA Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = N/A +5VA = 5 -5VA = -4.99

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 22 30 00 Tag: 0.000 2250

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 01 00 00 UTC Local: 19:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: _____ B2 / East/West: _____

Horizontal electrode White: SE-1972 Green: SE-1989 Black: SE-1978 Red: SE-1989

Compass S/N: R00 Compass ON: 19:20 Compass flash: ☒

Strayline S/N: R00 Strayline test: ☒ Deck check performed: _____

Acoustics S/N: 3225 Receive Frequency: 11.0 kHz Option 1: 613135

Disable: 613116 Enable: 613067 Release 1: 630555 Release 2: 630576

On-anchor chk: Primary V: 18.0 Off: ☒ Secondary V: 18.0 Off: ☒

Deployment Date: 1/26/22 Time: 01:45 Depth: N/A m

Latitude: -4.56862 Longitude: -105.90313

Arrival time on seafloor: _____ Acoustics disabled @: 1935 ☒

Recovery Date: 2/12/22 Acoustics Enabled @: 16:27 UTC

Release acknowledge: 1641 UTC Liftoff from seafloor @: 1646 UTC

ETA to surface @: 2136 UTC UTC Time Sighted: 13:36

UTC Shift D @: 02 12 22 043 20 01 00 Tag: 0.9439699 (log)

Closing block number: 4370248 Binary file name: GTF4-03-23R00.bin

Compass Heading: 159.6 Pitch: 3.2 Roll: 0.0

Notes * Multibeam system reboot → No depth reading

NAVED Jan 31 @ 13:40 local - 1st NAV
NAVED Feb 10 @ 14:00 local - 2nd NAV

3596'
measured
before
recovery

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF4-04 (51)

MKIII Instrument Number: 34 Instrument Name: Lorrie
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = N/A +5VA = 5 -5VA = -4.98

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	26	22	026
----	----	----	-----

21	50	00
----	----	----

 Tag: 0.000 2282

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time:

08	27	22	027
----	----	----	-----

01	00	00
----	----	----

 UTC Local: 19:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: _____ B2 / East/West: _____

Horizontal electrode White: W6-0581 Green: W6-0673 Black: W6-0937 Red: W6-0412

Compass S/N: LORI Compass ON: 18:41 Compass flash: ☒

Strayline S/N: LORI Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 32245 Receive Frequency: 11.0 kHz Option 1: 614064

Disable: 614047 Enable: 614022 Release 1: 631245 Release 2: 631266

On-anchor chk: Primary V: 17.6 Off: ☒ Secondary V: 17.8 Off: ☒

Deployment Date: 01/27/22 Time: 01:08 Depth: 3440 m

Latitude: -4.58628 Longitude: -105.90614

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/12/22 Acoustics Enabled @: 16:51 UTC

Release acknowledge: 17:29 Liftoff from seafloor @: 17:34 UTC

ETA to surface @: 20:16 (14162) UTC Time Sighted: 14:13 local

UTC Shift D @:

02	12	22	043
----	----	----	-----

20	36	00
----	----	----

 Tag: 0.8557478 (log)

Closing block number: 4376572 Binary file name: GTF4-04-34Lorrie.bin

Compass Heading: 23.4 Pitch: -6.6 Roll: -3.8

Notes

NAVED Jan 31 @ 12:30 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF 4-05 (52)

MKIII Instrument Number: 27 Instrument Name: Bogong
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.33 +7VA = N/A +5VA = 4.98 -5VA = -4.98

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 04 03 00 Tag: 0.000 2259

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 07 00 00 UTC Local: 01:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-315 B2 / East/West: BFC-358

Horizontal electrode White: SE-584 Green: E-258 Black: WG-0550 Red: WG-0656

Compass S/N: BGONG Compass ON: 00:40 Compass flash: ☒

Strayline S/N: BGNG Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 31557 Receive Frequency: 11.0 kHz Option 1: 504357

Disable: 504332 Enable: 504311 Release 1: 525523 Release 2: 525544

On-anchor chk: Primary V: 17.8 Off: ☒ Secondary V: 17.8 Off: ☒

Deployment Date: 01/27/2022 Time: 00:51 local Depth: 4713 m 3303.59
Latitude: 4.6047°S Longitude: 105.9097°W

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/14/22 Acoustics Enabled @: 13:10 UTC

Release acknowledge: 13:11 Liftoff from seafloor @: 13:16 UTC

ETA to surface @: 15:41 (09:41L) UTC Time Sighted: 07:54L (LATE!)

UTC Shift D @: 02 14 22 045 16 18 11 Tag: 0.8028396

Closing block number: 4785392 Binary file name: GTF4-05-27Bogong.bin

Compass Heading: Battery Pitch: Died on Roll: Compass

Notes valved Jan 31 @ 22:30

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF4-06 (53)

MKIII Instrument Number: 54 Instrument Name: Cuscus
Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.33 +7VA = 11A +5VA = 5.03 -5VA = -5.02

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 05 03 00 Tag: 0.000 2252

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 07 00 00 UTC Local: 01:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-367 B2 / East/West: BFC-382

Horizontal electrode White: WG1137 Green: WG1138 Black: WG1067 Red: WG1140

Compass S/N: CSCS Compass ON: ☒ Compass flash: ☒

Strayline S/N: _____ Strayline test: _____ Deck check performed: _____

Acoustics S/N: 32349 Receive Frequency: 11.0 kHz Option 1: 622222

Disable: 622201 Enable: 622103 Release 1: 635304 Release 2: 635403

On-anchor chk: Primary V: 18.0 Off: ☒ Secondary V: 17.8 Off: ☒

Deployment Date: 01/27/2022 Time: 01:25 Depth: 3323.9 m

Latitude: 4.6238°S Longitude: 105.9198°W

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/15/22 Acoustics Enabled @: 16:57 2 USE

Release acknowledge: 17:26 1 Liftoff from seafloor @: 17:30 1 USE

ETA to surface @: 20:00 2 USE Time Sighted: _____

UTC Shift D @: 02 16 22 047 02 48 00 Tag: 0.0211995

Closing block number: 5159476 Binary file name: GTF4-06-54Cuscus

Compass Heading: 89.0 Pitch: -3.7 Roll: -8.0

Notes NAVED JON 31/02 21:58

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF4-07 (54)

MKIII Instrument Number: 33 Instrument Name: Ocie

Checkout by: EA Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = N/A +5VA = 5.01 -5VA = 4.99

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 04 40 00 Tag: 0.000 2265

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 08 00 00 UTC Local: 02100

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-378 B2 / East/West: BFC-401

Horizontal electrode White: SE1982 Green: SE1996 Black: SE1962 Red: SE1965

Compass S/N: OCCT Compass ON: ☒ 01:35 Compass flash: ☒

Strayline S/N: OCCT Strayline test: _____ Deck check performed: _____

Acoustics S/N: 32257 Receive Frequency: 11.0 kHz Option 1: 613274

Disable: 613257 Enable: 613232 Release 1: 630452 Release 2: 630671

On-anchor chk: Primary V: 18.2 Off: ☒ Secondary V: 17.0 Off: ☒

Deployment Date: 01/27/22 Time: 0158 Depth: 3320 m

Latitude: 4.6496°S Longitude: 105.9233°W

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/15/22 Acoustics Enabled @: 16:20 2 UTC

Release acknowledge: 16:41 2 Liftoff from seafloor @: 16:45 2 UTC

ETA to surface @: 19:21 2 UTC Time Sighted: _____

UTC Shift D @: 0216 22 047 01 44 30 Tag: 0.9798635

Closing block number: 5137144 Binary file name: GTF4-07-33Ocie.bin

Compass heading: 262.1 Pitch: 2.1 Roll: 2.0

Notes MOVED Jan 31 @ 21:25

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC
-6

Survey ID: GOFAR 2022

Site ID: GTF4-08 (47)

MKIII

Instrument Number: 21

Instrument Name: Bullant

Checkout by: C. C.

Verified by: C. A.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.25

+7VA = ---

+5VA = 4.969

-5VA = -4.966

Startup

Begin text capture (file name): ✓

All connectors and cables seated: ✓

Flash Card Label / Size: 21Bullant 4 GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

01 27 22 027

13 51 00

Tag: 0.0002258

Parameters descrip: ✓

Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

01 27 22 027

15 00 00

UTC Local: 11:00:00

Clock Drift Check: ✓

Begin (time cntng): ✓

End text capture: ✓

Dessicant/Purge: ✓

Pre-deployment

Coils: B1 / North/South: 422

B2 / East/West: 338

Horizontal electro White: WG-0904

Green: WG-381

Black: WG-1181

Red: WG-1178

Compass S/N: BLNT

Compass ON: 08:45L

Compass flash: ✓

Strayline S/N: BLNT

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32251

Receive Frequency: 11.0 kHz Option 1: 612 606

Disable: 612 564

Enable: 612 547

Release 1: 630343

Release 2: 630360

On-anchor chk: Primary V: 18.2

Off: ✓

Secondary V: 18.6

Off: ✓

Deployment

Date: 11/27/22

Time: 09:20

Depth: 3260.9m

Latitude: 4.6843° S

Longitude: 105.9375° W

Arrival time on seafloor: ✓

Acoustics disabled @: 05:22

Recovery

Date: 8/20/22

Acoustics Enabled @: 18:41

UTC ✓

Release acknowledge: 19:01

Liftoff from seafloor @: 19:06

UTC ✓

ETA to surface @: 21:39

UTC ✓

Time Sighted: 21:39

UTC Shift D @:

02 21 22 52

04 11 00

Tag: 0.9679871

Closing block number: 6288928

Binary file name: GTF4-08-21Bullant.bin

Compass

Heading: 227.4

Pitch: 0.2

Roll: 5.7

Notes

NAVED on 02/10/22 @ 18:30 UTC (12:30 local)

(BLC we did this
by Sentry
recovery
but deploy
afterwards)

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAB 2022 Site ID: GTF4-09 (58)

MKIII Instrument Number: 49 Instrument Name: Ibis
Checkout by: C.C. Verified by: R.E.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.19 +7VA = +5VA = 4.999 -5VA = -5.015

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 49 Ibis 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 14 49 00 Tag: 0.0002293

Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time: 01 27 22 027 16 00 00 UTC Local: 10:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: 355 B2 / East/West: 407

Horizontal electrode White: 1963 Green: 1987 Black: 1975 Red: 1995

Compass S/N: IBIS Compass ON: 09:46 L Compass flash: L

Strayline S/N: IBIS Strayline test: ✓ Deck check performed:

Acoustics S/N: 31194 Receive Frequency: 11.0 kHz Option 1: 437442

Disable: 437427 Enable: 437404 Release 1: 435347 Release 2: 435364

On-anchor chk: Primary V: 17.8 Off: ✓ Secondary V: 17.2 Off: ✓

Deployment Date: 01/27/2022 Time: 10:07 Depth: 3144.4 m

Latitude: 4.7535° S Longitude: 105.9566° W

Arrival time on seafloor: Acoustics disabled @: on deck

Recovery Date: 2/20/22 Acoustics Enabled @: 18:00 L

Release acknowledge: 18:01 L Liftoff from seafloor @: 18:00 L UTC

ETA to surface @: 20:33 L UTC Time Sighted: 20:41 L

UTC Shift D @: 02 21 22 052 03 08 30 Tag: 0.8892134

Closing block number: 6366816 Binary file name: GTF4-09-49Ibis.bin

Compass Heading: 543.7 Pitch: -1.3 Roll: -1.8

Notes some commands 2x on anchor (acoustics)

Nav'ed 10 Feb 2022

Prod Ch. 3

Time zone: UTC
-6 Survey ID: GOFAR 2022 Site ID: GTF5-01 (55)

Site ID: GTF5-01 (55)

Instrument Name: Slingshot

Verified by: EA

$$-5VA = -5.008$$

Another quiet Rx. → use higher gain ; Clean Benthos.txt b4
nav'ing code

Nav'ed 07 Feb 2022 08:48 local
strong energy on Ch 1 (mags) ... b/c of abyssal
hills?

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC Survey ID: GOFAR 2022 Site ID: GTF5-02 (56)

MKIII Instrument Number: 47 Instrument Name: Budgie
Checkout by: C.C. Verified by: C.A.

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.31 +7VA = / +5VA = 4.980 -5VA = -5.017

Startup Begin text capture (file name): /

All connectors and cables seated: / Flash Card Label / Size: 47 Budgie 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	27	22	027
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07	48	00
----	----	----

 Tag: 0.0002292

Parameters descrip: / Sample rate: 125 Hz # Ch: 4

Clock Drift Check: / **ADC test OK:** / Initialize the disk: /

Wake up date/time:

01	27	22	027
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09	00	00
----	----	----

 UTC Local: 03:00:00

Clock Drift Check: / **B**egin (time cntng): / End text capture: / Dessicant/Purge: /

Pre-deployment Coils: B1 / North/South: BFC-397 B2 / East/West: BFC-251

Horizontal electrode **White:** WG0929 **Green:** WG0927 **Black:** WG0844 **Red:** WG8540

Compass S/N: BUDGIE Compass ON: 03:35 Compass flash: /

Strayline S/N: BPGI Strayline test: / Deck check performed: /

Acoustics S/N: 31436 Receive Frequency: 11.0 kHz Option 1: 475477

Disable: 475454 Enable: 475431 Release 1: 452047 Release 2: 452064

On-anchor chk: Primary V: 18.0 Off: / Secondary V: 18.2 Off: /

Deployment Date: 01/27/2022 Time: 04:58 Depth: 3161 m

Latitude: 4.5425°S Longitude: 105.8721°W

Arrival time on seafloor: / Acoustics disabled @: /

Recovery Date: 2/16/22 Acoustics Enabled @: 02:49 UTC

Release acknowledge: 02:45 Liftoff from seafloor @: 02:50 UTC 2hr 28min rise

ETA to surface @: 05:18 UTC Time Sighted: 05:19

UTC Shift D @:

02	16	22	047
----	----	----	-----

11	48	04
----	----	----

 Tag: 0.7255806

Closing block number: 5235372 Binary file name: GTF5-02-47Budgie.bin

Compass Heading: 269.0 Pitch: -2.8 Roll: 8.0

Notes

Nav'ed 01 Feb 2022 03:08 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF5-03 (57)

MKIII Instrument Number: 29 Instrument Name: Kooka
Checkout by: EA Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.34 +7VA = N/A +5VA = 4.99 -5VA = -4.99

Startup Begin text capture (file name):

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 23 04 00 Tag: 0.000 2258

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 27 22 027 02 00 00 UTC Local: 20:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: ☐ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: 331 B2 / East/West: 427

Horizontal electrode White: WG 0528 Green: WG 0687 Black: SE 131 Red: SE-096

Compass S/N: KOOK Compass ON: 1958 Compass flash: ☒

Strayline S/N: KOOK Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 30465 Receive Frequency: 11.0 kHz Option 1: 106437

Disable: 106414 Enable: 106373 Release 1: 126725 Release 2: 126710

On-anchor chk: Primary V: 17.2 Off: ☒ Secondary V: 17.6 Off: ☒

Deployment Date: 1/26/22 Time: 02:48 Depth: 3560 m

Latitude: -4.57183 Longitude: -105.87625

Arrival time on seafloor: 20:08 Acoustics disabled @: 20:08

Recovery Date: 2/14/22 Acoustics Enabled @: 07:44 UTC

Release acknowledge: 07:45 UTC Liffot from seafloor @: 07:50 UTC

ETA to surface @: 10:33 UTC (0438) Time Sighted: 10:32

UTC Shift D @: 02 14 22 045 11 12 13 Tag: 0.8640322

Closing block number: 4784312 Binary file name: GTF5-03-29Kooka.bin

Compass Heading: 261.0 Pitch: 18.3 Roll: 5.0

Notes Nav'd Jan 31 @ 14:10 local

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF5-04 (59)

MKIII Instrument Number: 46 Instrument Name: Penguin
Checkout by: EA Verified by: RE

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = N/A +5VA = 4.98 -5VA = -4.98

Startup Begin text capture (file name): _____

All connectors and cables seated: ☒ Flash Card Label / Size: ☒ 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 26 22 026 21 24 00 Tag: 0.000 2282

Parameters descrip: GOFAR Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk: ☒

Wake up date/time: 01 26 22 026 23 00 00 UTC Local: 17:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: _____ Dessicant/Purge: ☒

Pre-deployment Coils: B1 / North/South: BFC-357 B2 / East/West: BFC-319

Horizontal electro White: WG-1050 Green: WG1152 Black: WG1151 Red: WG1051

Compass S/N: PNGN Compass ON: 17:20 Compass flash: ☒

Strayline S/N: PNGN Strayline test: ☒ Deck check performed: ☒

Acoustics S/N: 32341 Receive Frequency: 11.0 kHz Option 1: 621421

Disable: 621402 Enable: 621365 Release 1: 634773 Release 2: 635004

On-anchor chk: Primary V: 17.0 Off: ☒ Secondary V: 17.8 Off: ☒

Deployment Date: 01/27/22 Time: 00:30 Depth: 3496 m

Latitude: -4.60349 Longitude: -105.88821

Arrival time on seafloor: _____ Acoustics disabled @: ☒

Recovery Date: 2/14/27 Acoustics Enabled @: 13:25 UTC

Release acknowledge: 13:31 UTC Ltoff from seafloor @: 13:36 UTC 2hr 45min rise

ETA to surface @: 16:21 (10:21) UTC Time Sighted: _____

UTC Shift D @: 02 14 22 045 16 45 50 Tag: 0.9275037

Closing block number: 4877176 Binary file name: GTF5-04-46Penguin.bin

Compass Heading: 80.3 Pitch: 14.1 Roll: 0.4

Notes NAVED Jan 31 @ 18:35 local

Early
by
~ 10min

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF5-05 (60)

MKIII Instrument Number: 48 Instrument Name: Curacao Brumby
Checkout by: C. C. Verified by: JP

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = / +5VA = 5.006 -5VA = -5.014

Startup Begin text capture (file name): /

All connectors and cables seated: / Flash Card Label / Size: 48 Brumby 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @: 01 27 22 027 07 09 00 Tag: 0.0002158

Parameters descrip: / Sample rate: 125 Hz # Ch: 4

Clock Drift Check: / **ADC test OK:** / Initialize the disk: /

Wake up date/time: 01 27 22 027 09 00 00 UTC Local: 03:00:00

Clock Drift Check: / **B**egin (time cntng): / End text capture: / Dessicant/Purge: /

Pre-deployment Coils: B1 / North/South: BFC-280 B2 / East/West: BFC-208

Horizontal electro White: WG10667 Green: WG0952 Black: WG424 Red: SE059

Compass S/N: BRUMBY Compass ON: 02:48 Compass flash: /

Strayline S/N: BRUMBY Strayline test: / Deck check performed: /

Acoustics S/N: 32331 Receive Frequency: 11.0 kHz Option 1: 620475

Disable: 620456 Enable: 620475 Release 1: 634207 Release 2: 634224

On-anchor chk: Primary V: 18.2 Off: / Secondary V: 18.0 Off: /

Deployment Date: 01/27/2022 Time: 03:03 local Depth: 3518.6 m

Latitude: 4.626° S Longitude: 105.8917° W

Arrival time on seafloor: / Acoustics disabled @: /

Recovery Date: 02/14/22 Acoustics Enabled @: 13:50 (UTC)

Release acknowledge: 14:10 UTC Liftoff from seafloor @: 14:16 UTC 2hr 46m rise

ETA to surface @: 17:02 (11:02L) UTC Time Sighted: /

UTC Shift D @: 02 14 22 045 17 34 06 Tag: 0.8191518

Closing block number: 4777424 Binary file name: GTF5-05-48 Brumby.bin

Compass Heading: 76.75 Pitch: -1.2 Roll: 4.5

Notes

NAV'ED Jan 31 @ 19:13

GOFAR 2022 OBEM Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR 2022 Site ID: GTF5-06 (61)

MKIII Instrument Number: 39 Instrument Name: Taipan
Checkout by: C. C. Verified by: _____

Batteries: 3 strings of 9V from alkaline pack

+7VD = 9.32 +7VA = +5VA = 4.986 -5VA = -4.993

Startup Begin text capture (file name): ✓

All connectors and cables seated: ✓ Flash Card Label / Size: 39 Taipan 4 GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EY

Synch with GPS @:

01	27	22	027
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06	16	00
----	----	----

 Tag:

0.000	2275
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Parameters descrip: ✓ Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓

Wake up date/time:

01	27	22	027
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08	00	00
----	----	----

 UTC Local: 02:00:00

Clock Drift Check: ✓ Begin (time cntng): ✓ End text capture: Dessicant/Purge: ✓

Pre-deployment Coils: B1 / North/South: BPC-264 B2 / East/West: BPC-311

Horizontal electro White: WG1134 Green: WG1132 Black: WG1021 Red: WG1031

Compass S/N: TAPN Compass ON: 02:10 Compass flash: ✓

Strayline S/N: Strayline test: Deck check performed:

Acoustics S/N: 32249 Receive Frequency: 11.0 kHz Option 1: 412453

Disable: 612436 Enable: 612415 Release 1: 630257 Release 2: 630274

On-anchor chk: Primary V: 18.0 Off: ✓ Secondary V: 18.0 Off: ✓

Deployment Date: 1/27/22 Time: 02:28 Depth: 3315 m

Latitude: 4.6506 °S Longitude: 105.9007 °W

Arrival time on seafloor: Acoustics disabled @: ✓

Recovery Date: 2/15/22 Acoustics Enabled @: UTC

Release acknowledge: 15:56 2 Liftoff from seafloor @: 16:01 UTC

ETA to surface @: 18:37 UTC Time Sighted: 18:36

UTC Shift D @:

02	16	22	047
----	----	----	-----

01	08	00
----	----	----

 Tag: 0.7020951

Closing block number: 5130556 Binary file name: GTF5-06-39Taipan.bin

Compass Heading: 352.6 Pitch: -4.4 Roll: 4.4

Notes

Nav'66 Jan 31 @ 20:15 local

Time zone: UTC -6 Survey ID: G0FAR2022 Tow ID: GTF1

V2 MKIII/IV Instrument Number: 72 Instrument Name: Barramundi (V1, AD=3)
Checkout by: CA & CC Verified by: CA

Batteries: 4 strings of 7V to RTS diode board, 4 strings to SDL diode board

+7VD = 7.67 +5VA = 5.003 -5VA = -5.005 +7V SDL = 7.77

V2 Startup Begin text capture (file name): GTF1-ATET-Vulcans-Startup.log

All connectors and cables seated: ☒

Flash Card Label / Size: 4GB G0FAR 2022 VULCAN 1 BARRA

Synch with GPS @:

02	03	22	034
----	----	----	-----

11	27	00
----	----	----

 Tag: 0.000 2003

Parameters descrip: G0FAR 2022

Sample rate: 250 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk (y): ☒

Wake up date/time:

02	03	22	034
----	----	----	-----

13	00	00
----	----	----

 UTC Local: 07:00:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: N/A Dessicant/Purge:

SDL startup Name: GTF1-ATET-Vulcans Parosci S/N: 126816

Unit address (A nn (2-15)): 3 Log freq.(L ss): 21 Xmit freq.(X ss): 15

T set date/time:

02	03	22
----	----	----

11	10	00
----	----	----

 UTC Local: 05:10:00

View data Parosci & compass data: ☒ Parosci Tare Value: 000113 000112.40

Initialize the flash (y): ☒ Bi(Begin Immediately): ☒ Verified by: CC/CA

Vulcan Pre-deployment Position on towed array: 1st Vulcan (AD=3)

Channel Configuration:	Ch. 1 X wing	Ch. 2 Y stinger	Ch. 3 Z fin
Electrodes:	White: <u></u> stbd	Blue: <u></u> aft	Black: <u></u> down
	Green: <u></u> port	Orange: <u></u> fwd	Red: <u></u> up

External Compass SN: VLC1 Time Compass ON:

12	14	00
----	----	----

 UTC Local: 06:14:00

Time of first recorded sample (ON time + 10 min)

12	24	00
----	----	----

 UTC Local: 06:24:00

Deployment Date: 02/03/2022 Time: 17:00 UTC Local: 11:00

V2 Recovery Date: 02/04/2022

UTC Shift D @:

02	04	22	035
----	----	----	-----

19	24	29
----	----	----

 Tag: 0.0060210

Closing block number: 0676240 Binary file name: GTF1-V172Barramundi.bin

SDL end Stop S: ☒ start capture: data file GTF1-Vulcan1-72Barramundi-SDL-12,35,38 Upload U: ☒

Ext. Compass end start capture: data file GTF1-Vulcan1-72Barramundi-Compass-12,51,25 Copy/Erase? Copy

Notes only 10 hours EM recording (Total D.V. 2.4 h)
useable data 0.200g Alt 2-45 min (2015-2100 UT)
(with fine pub) without time pub 25 min

Time zone: UTC Survey ID: GOFAR 2022 Tow ID: GTF1

V2 MKIII/IV Instrument Number: 71 Instrument Name: Mullet (V2; AD=4)
Checkout by: CA:CC Verified by:

Batteries: 4 strings of 7V to RTS diode board, 4 strings to SDL diode board

+7VD = 7.666 +5VA = 5.004 -5VA = -4.974 +7V SDL = 7.72

V2 Startup Begin text capture (file name): GTF1-ATET-Vulcan2-startup-logs
All connectors and cables seated: ☒ Flash Card Label / Size: 4GB GOFAR 2022 Vulcan2

Synch with GPS @:

02	03	22	034
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11	35	00
----	----	----

 Tag: 0.000 2001

Parameters descrip: GOFAR 2022
Sample rate: 250 Hz # Ch: 4

Clock Drift Check: ☒ ADC test OK: ☒ Initialize the disk (y): ☒

Wake up date/time:

02	03	22	034
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13	00	00
----	----	----

 UTC Local: 07:00:00

Clock Drift Check: ☒ Begin (time cntng): ☒ End text capture: ☐ Dessicant/Purge: ☐

SDL startup Name: GTF1-ATET-Vulcan2 Parosci S/N: 53564

Unit address (A nn (2-15)): 4 Log freq.(L ss): 21 Xmit freq.(X ss): 15 11

T set date/time:

02	03	22
----	----	----

11	17	00
----	----	----

 UTC Local: 05:17:00

View data Parosci & compass data: ☒ Parosci Tare Value: 000113 000112.8

Initialize the flash (y): ☒ Bi(Begin Immediately): ☒ Verified by: CC:CA

Vulcan2 Pre-deployment Position on towed array: 2nd Vulcan (AD=4)

Channel Configuration:	Ch. 1 X wing	Ch. 2 Y stinger	Ch. 3 Z fin
Electrodes:	White: <input type="checkbox"/> stbd	Blue: <input type="checkbox"/> aft	Black: <input type="checkbox"/> down
	Green: <input type="checkbox"/> port	Orange: <input type="checkbox"/> fwd	Red: <input type="checkbox"/> up

External Compass SN: VLC 2 Time Compass ON:

12	15	00
----	----	----

 UTC Local: 06:15

Time of first recorded sample (ON time + 10 min)

12	25	00
----	----	----

 UTC Local: 06:25

Deployment Date: 02/03/22 Time: 17:00 UTC Local: 11:00

V2 Recovery Date: 02/04/22

UTC Shift D @:

02	04	22	035
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19	33	48
----	----	----

 Tag: 0.0025948

Closing block number: X662752 Binary file name: GTF1-V271Mullet.bin

SDL end Stop S: ☒ start capture: ☐ data file GTF1-Vulcan2-71Mullet-SDL-12,04,08 Upload U: ☒

Ext. Compass end start capture: ☐ data file GTF1-Vulcan2-71Mullet+Compass-12,04,08 Copy/Eraser? ☒

Notes only 1st of recording data (64)
1st of recording data
1st of recording data

GOFAR 2022 ATET Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR2022 Tow ID: GTF1

ATET (AD=2) Checkout by: CC 1CA Verified by: CA

Batteries SDL Battery Voltage 7.58 V

9V Battery for Optical Isolation plugged in: ☒

SDL startup Name: GTF1-ATET-Vulcans Parosci S/N: 53584

Unit address (A nn (2-15)): 2 Log freq.(L ss): 1 Xmit freq.(X ss): 10

T set date/time:

02	03	22
----	----	----

11	22	30
----	----	----

 UTC Local: 05:22:30

View data Parosci & compass data: ☒ Parosci Tare: 000117.93

Initialize the flash (y): ☒ BI(Begin Immediately): ☒ Verified by: CA

Deployment Date: 02/03/22 Time: 17:00 UTC Local: 11:00

SDL end Stop S: ☒ start capture: data file GTF1-ATET-13,42,12 Upload U: ☒

Notes

GOFAR 2022 ATET Deployment & Recovery Shipboard Checkout

Time zone: UTC -6 Survey ID: GOFAR Tow ID: GTF2-5

ATET Checkout by: EA Verified by: JP

Batteries SDL Battery Voltage 7.97 V

9V Battery for Optical Isolation plugged in: 9.54 V

SDL startup Name: GTF2-5-ATET-startup-by 16, 40, 45 Parosci S/N: 53584

Unit address (A nn (2-15)): 2 Log freq.(L ss): 1 Xmit freq.(X ss): 10

T set date/time:

02	07	22
----	----	----

18	39	00
----	----	----

 UTC Local: 12:39

View data Parosci & compass data: ☒ Parosci Tare: 000118.96

Initialize the flash (y): ☒ **BI**(Begin Immediately): ☒ Verified by: JP

Deployment Date: 02/07/22 Time: 18:30 UTC Local: 14:30

SDL end Stop **S**: ☒ start capture: data file GTF2-5-ATET-07.1237 Upload **U**: ☒

Notes