

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 307**MT MKIII**Instrument Number: 130Instrument Name: Rock HindCheckout by: EAVerified by: JP**Batteries, 3 strings of 10.5V alkaline**+7VD = 9.5+7VA = 9.53+5VA = 4.99-5VA = -4.98**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ☒Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15500 20 42Tag: 0.000 2316

Parameters descrip:

307Sample rate: 100 62.5 Hz# Ch: 4

Clock Drift Check: \_\_\_\_\_

ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 04 19 15502 00 00

UTC

Local: 18:00Clock Drift Check: ☒

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: 0241B2 / East/West: 0004

Horizontal electrodes

White:Green:Black:Red:

Compass S/N:

ROCKHINDCompass ON: 16:342Compass flash: ☒

Strayline S/N:

RKHDStrayline test: ☒Deck check performed: ☒**Acoustics**

S/N:

32265Receive Frequency: 11.0Option 1: 614064Disable: 614047Enable: 614022Release 1: 631245Release 2: 631266

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 06/04/19Time: 00:54:08Depth: 4529 mLatitude: 53°42.857Longitude: 155°32.497

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/7/19Acoustics Enabled @: 14:192 UTCRelease acknowledge: 14:462Liftoff from seafloor @: 14:522 UTC

3h 40m

ETA to surface @: 18:322 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 08 19 15902 57 10

Tag: \_\_\_\_\_

Are the seconds?

Lagging

or

in sync

Closing block number: 525740Binary file name: 307-RockHind.bin**Compass**Heading: 60.2Pitch: 2.3Roll: 1.3**Notes**CH1 = 2.71 kNCH2 = 2.55 kN

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8 Survey ID: \_\_\_\_\_ Site ID: 308

**MT MKIII** Instrument Number: 136 Instrument Name: Kingfish  
Checkout by: EA Verified by: KK

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓ +7VA = ✓ +5VA = ✓ -5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓ Flash Card Label / Size: 2 GB

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

Synch with GPS @: 06 04 19 155 00 45 29 Tag: 0.000 2320

Parameters descrip: 308 Sample rate: 125 Hz # Ch: 4

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

Wake up date/time: 06 04 19 155 02 00 00 UTC Local: 18:00

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

## Pre-deployment

Coils: B1 / North/South: MC 0028 B2 / East/West: MC 0173

Horizontal electrodes White: Green: Black: Red:

Compass S/N: Kingfish Compass ON: 16:57 Compass flash: ✓

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

## Acoustics

S/N: 31194 Receive Frequency: 11 Option 1: 437442

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

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

## Deployment

Date: 06/04/19 Time: 01:38 Depth: 4546 m

Latitude: 53° 44.728 Longitude: 155° 34.188

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: \_\_\_\_\_

## Recovery

Date: 6/7/19 Acoustics Enabled @: 15:00 UTC 3h 40m

Release acknowledge: 15:18 L 15:22 L UTC

ETA to surface @: 19:02 L UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 159 03 57 05 Tag: 0.9606573

Are the seconds? Lagging or in sync

Closing block number: 531156 Binary file name: 308-Kingfish.bin

## Compass

Heading: 190.6 Pitch: 1.7 Roll: 1.9

## Notes



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: \_\_\_\_\_ Survey ID: \_\_\_\_\_ Site ID: 309

## MT MKIII

Instrument Number: 131 Instrument Name: Angel fish

Checkout by: EA Verified by: SC

## Batteries, 3 strings of 10.5V alkaline

+7VD = / +7VA = / +5VA = / -5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓ Flash Card Label / Size: 2 GB

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

Synch with GPS @: 06 04 19 155 01 10 12 Tag: 0.000 2342

Parameters descrip: 309 Sample rate: 125 62.5 Hz # Ch: 8 4

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

Wake up date/time: 06 04 19 155 03 00 00 UTC Local: 19:00

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

## Pre-deployment

Coils: B1 / North/South: 0124 B2 / East/West: 0278

Horizontal electrodes White: 0470 Green: 0518 Black: 0440 Red: 0521

Compass S/N: ANGELFISH Compass ON: 17:43 2 Compass flash: ✓

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

## Acoustics

S/N: 32268 Receive Frequency: 110 Option 1: 614306

Disable: 614277 Enable: 614254 Release 1: 631415 Release 2: 631436

On-anchor chk: Primary V: 17.2 Off: ✓ Secondary V: 16.6 Off: ✓

## Deployment

Date: 06/04/19 Time: 01:59 Depth: 4574 m

Latitude: 53° 46.675 Longitude: 155° 35.890

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: \_\_\_\_\_

## Recovery

Date: 6/7/19 Acoustics Enabled @: 15:24 2 UTC

Release acknowledge: 15:46 2 Liftoff from seafloor @: 15:50 2 UTC 3h 43m

ETA to surface @: 19:33 2 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 159 04 51 22 Tag: 0.0082536

Are the seconds? Lagging or in sync

Closing block number: 530640 Binary file name: 309-AngelFish.bin

## Compass

Heading: 277.2 Pitch: 1.4 Roll: -2.9

## Notes

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 310**MT MKIII**Instrument Number: 112Instrument Name: BallyhooCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15501 42 54Tag: 0.000 2365Parameters descrip: 310Sample rate: 125 62.5 Hz# Ch: 8

Clock Drift Check: \_\_\_\_\_

ADC test OK: ✓Initialize the disk: ✓Wake up date/time: 06 04 19 15503 00 00

UTC

Local: 19:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC 068B2 / East/West: MC 0189

Horizontal electrodes

White: ✓Green: ✓Black: ✓Red: ✓Compass S/N: BALLYHOOCompass ON: 18:02 2Compass flash: ✓Strayline S/N: SPR3Strayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33013Receive Frequency: 11Option 1: 312522Disable: 312501Enable: 312470Release 1: 331142Release 2: 331161

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.2Off: ✓**Deployment**Date: 06/04/19Time: 02:21Depth: 4599 mLatitude: 55°48.578Longitude: 155°37.590

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: \_\_\_\_\_

**Recovery**Date: 6/7/19Acoustics Enabled @: 15:54 2 UTCRelease acknowledge: 16:33 2Liftoff from seafloor @: 16:37 2 UTCETA to surface @: 20:21 2 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 15905 39 56Tag: 0.008/125

Are the seconds?

Lagging

or

in sync

Closing block number: 535028Binary file name: 310-Ballyhoo**Compass**Heading: 21.2Pitch: 0.2Roll: 0.7**Notes**



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 311**MT MKIII**Instrument Number: 132Instrument Name: BonefishCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

060419155015548Tag: 0.000 2408

Parameters descrip:

311Sample rate: 12562.5 Hz# Ch: 84Clock Drift Check: ✓ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time:

060419155040000

UTC

Local: 20:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC0013B2 / East/West: MC0112

Horizontal electrodes

White:Green:Black:Red:

Compass S/N:

BonefishCompass ON: 18:25 LCompass flash: ✓

Strayline S/N:

BFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32326Receive Frequency: 11.0Option 1: 620070Disable: 620053Enable: 620036Release 1: 633753Release 2: 633770

On-anchor chk:

Primary V: 17.6Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 06/04/19Time: 02:47Depth: 4640 mLatitude: 53°50.476Longitude: 155°39.270

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/7/19Acoustics Enabled @: 16:40UTCRelease acknowledge: 17:18LLiftoff from seafloor @: 17:22UTCETA to surface @: 21:08L

Time Sighted: \_\_\_\_\_

UTC Shift D @:

060819159062022Tag: 0.9912991

Are the seconds?

Lagging

or

in sync

Closing block number: 0533260Binary file name: 311\_Bonefish.bin**Compass**Heading: 17.6Pitch: 0.8Roll: 2.3**Notes**

B

## Alaska Subduction 2019 MT Deployment &amp; Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 312

MT MKIII

Instrument Number: 120Instrument Name: NiuhCheckout by: EAVerified by: KK

## Batteries, 3 strings of 10.5V alkaline

+7VD = /+7VA = /+5VA = /-5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15502 18 20Tag: 0.000 2339

Parameters descrip:

312Sample rate: 125.625 Hz# Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15504 00 00

UTC

Local: 20:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

## Pre-deployment

Coils:

B1 / North/South: MC 0230B2 / East/West: MC 0219

Horizontal electrodes

White: ✓Green: ✓Black: ✓Red: ✓Compass S/N: NiuhCompass ON: 18:50 LCompass flash: ✓Strayline S/N: NIHIStrayline test: ✓Deck check performed: ✓

## Acoustics

S/N: 33007Receive Frequency: 11.0Option 1: 312075Disable: 312056Enable: 312033Release 1: 330671Release 2: 330652

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.0Off: ✓

## Deployment

Date: 06/04/19Time: 03:12Depth: 4647 mLatitude: 53°52.387Longitude: 155°40.979

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: \_\_\_\_\_

## Recovery

Date: 6/7Acoustics Enabled @: 22:13

UTC

Release acknowledge: 22:36Liftoff from seafloor @: 22:40

UTC

ETA to surface @: 02:32

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 3:4706 08 19 15911 07 56Tag: 9962737

Are the seconds?

Lagging

or

in sync

Closing block number: 559244

Binary file name: \_\_\_\_\_

## Compass

Heading: 336.4Pitch: -1.0Roll: -1.9

## Notes



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: \_\_\_\_\_ Survey ID: \_\_\_\_\_ Site ID: 313

**MT MKIII** Instrument Number: 106 Instrument Name: Whitefish  
Checkout by: EA Verified by: SC

## Batteries, 3 strings of 10.5V alkaline

+7VD = / +7VA = / +5VA = / -5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: / Flash Card Label / Size: 2 GB

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

Synch with GPS @: 06 04 19 155 02 31 14 Tag: 0.0002429

Parameters descrip: 313 Sample rate: 125 62.5 Hz # Ch: 4

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

Wake up date/time: 06 04 19 155 05 00 00 UTC Local: 21:00

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

## Pre-deployment

Coils: B1 / North/South: 0285 B2 / East/West: 0074

Horizontal electrodes White: Green: Black: Red:

Compass S/N: Whitefish Compass ON: 19:15 Compass flash: /

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

## Acoustics

S/N: 33022 Receive Frequency: \_\_\_\_\_ Option 1: 313424

Disable: 313407 Enable: 313360 Release 1: 331606 Release 2: 331625

On-anchor chk: Primary V: 16.8 Off: / Secondary V: 17.0 Off: /

## Deployment

Date: 06/04/19 Time: 03:36 Depth: 4686 m

Latitude: 53°54.292 Longitude: 155°42.688

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: 3:24 UTC (19:24)

## Recovery

Date: 6/1 Acoustics Enabled @: 22:43 UTC

Release acknowledge: 23:07 Liftoff from seafloor @: 23:08 UTC

ETA to surface @: 02:53 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 159 11 37 29 Tag: 9630072

Are the seconds? Lagging or in sync

Closing block number: 556492 Binary file name: \_\_\_\_\_

## Compass

Heading: 259.7 Pitch: -2.0 Roll: 1.2

## Notes

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: Gtc-8 Survey ID: \_\_\_\_\_ Site ID: 314

## MT MKIII

Instrument Number: 107 Instrument Name: Bluefin

Checkout by: EA Verified by: SC

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓ +7VA = ✓ +5VA = ✓ -5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓ Flash Card Label / Size: 2 GB

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

Synch with GPS @: 06 04 19 155 02 43 29 Tag: 0.000 2284

Parameters descrip: 314 Sample rate: 125 61.5 Hz # Ch: 6 4

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

Wake up date/time: 06 04 19 155 05 00 00 UTC Local: 21:00

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

## Pre-deployment

Coils: B1 / North/South: MC0085 B2 / East/West: MC0131

Horizontal electrodes White: Green: Black: Red:

Compass S/N: Bluefin Compass ON: 19:39 Compass flash: ✓

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

## Acoustics

S/N: 32257 Receive Frequency: 11kHz Option 1: 613274

Disable: 613257 Enable: 613232 Release 1: 630652 Release 2: 630671

On-anchor chk: Primary V: 17.2 Off: ✓ Secondary V: 17.0 Off: ✓

## Deployment

Date: 06/04/19 Time: 04:02 Depth: 4711 m

Latitude: 53°56.201 Longitude: 155°44.407

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: 19:49.2

## Recovery

Date: 6/7/19 Acoustics Enabled @: 23:14 2 UTC 3450m

Release acknowledge: 23:38 2 UTC Liftoff from seafloor @: 23:42 2 UTC

ETA to surface @: 3:32 2 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 159 12 07 31 Tag: 9751040

Are the seconds? Lagging or in sync

Closing block number: 559208 Binary file name: \_\_\_\_\_

## Compass

Heading: 102.5 Pitch: 0.3 Roll: 1.5

## Notes



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 315**MT MKIII**Instrument Number: 126Instrument Name: TarponCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15502 57 37Tag: 0.000 2399Parameters descrip: 315Sample rate: 125 62.5 Hz# Ch: 8

Clock Drift Check: \_\_\_\_\_

ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15505 00 00

UTC

Local: 21:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC0197B2 / East/West: MC0214

Horizontal electrodes

White: /Green: /Black: /Red: /Compass S/N: TarponCompass ON: 20:04Compass flash: ✓Strayline S/N: TRPNStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32339Receive Frequency: 11 KHzOption 1: 621271Disable: 621252Enable: 621237Release 1: 634602Release 2: 634621

On-anchor chk:

Primary V: 17.6Off: ✓Secondary V: 17.6Off: ✓**Deployment**Date: 06/04/19Time: 04:26Depth: 4760 mLatitude: 53°58.105Longitude: 155°46.118

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 20:15(4:15 UTC)**Recovery**Date: 6/7/19Acoustics Enabled @: 23:452 UTCRelease acknowledge: 0:07Liftoff from seafloor @: 0:412 UTCETA to surface @: 4:032 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 15912 34 50Tag: .9900686

Are the seconds?

Lagging

or

in sync

Closing block number: 561676

Binary file name: \_\_\_\_\_

**Compass**Heading: 64.5Pitch: 1.4Roll: 0.0**Notes**Ch. 4 is bad, not clear on cause.

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 316**MT MKIII**Instrument Number: 137Instrument Name: LionfishCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = ✓+7VA = ✓+5VA = ✓-5VA = ✓**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15503 10 39Tag: 0.000 2390

Parameters descrip:

316Sample rate: 12562.5 Hz# Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15506 00 00

UTC

Local: 22:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: M0101B2 / East/West: M0099

Horizontal electrodes

White: ✓Green: ✓Black: ✓Red: ✓Compass S/N: LionfishCompass ON: 20:27Compass flash: ✓Strayline S/N: LFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33014Receive Frequency: 11kHzOption 1: 312606Disable: 312564Enable: 312547Release 1: 312 331203Release 2: 331220

On-anchor chk:

Primary V: 17.0Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 06/04/19Time: 04154Depth: 4824 mLatitude: 54° 0.007Longitude: 155° 47.841

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 20:38 UTC (4:38L)**Recovery**Date: 0 6/8/19

Acoustics Enabled @: \_\_\_\_\_

UTC

Release acknowledge: 00:42Liftoff from seafloor @: 0:46

UTC

ETA to surface @: 4:42

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 08 19 15413 03 03Tag: .0031347

Are the seconds?

Lagging

or

in sync

Closing block number: 558804

Binary file name: \_\_\_\_\_

**Compass**Heading: 270.5Pitch: -0.5Roll: 3.9**Notes**

Red electrode arm came out of frame during recovery. No pin.



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 317**MT MKIII**Instrument Number: 102Instrument Name: SculpinCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15503 23 40Tag: 0.000 2353Parameters descrip: 317Sample rate: 125 Hz # Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15506 00 00

UTC

Local: 22:00Clock Drift Check: ✓

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0128B2 / East/West: MC0233Horizontal electrodes White:Green:Black:Red:Compass S/N: SCULPINCompass ON: 20:56Compass flash: ✓Strayline S/N: SCPVStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33005Receive Frequency: 11 kHzOption 1: 311724Disable: 311707Enable: 311676Release 1: 330555Release 2: 330576

On-anchor chk:

Primary V: 17.0Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 06/04/19Time: 05:24Depth: 4912 mLatitude: 54° 1.915Longitude: 155° 49.528

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 2 5:06 UTC (21:06)**Recovery**Date: 6/8/19Acoustics Enabled @: 00:49 UTCRelease acknowledge: 0121 ✓Liftoff from seafloor @: 0125 UTCETA to surface @: 0525 ✓Time Sighted: 0518 ✓UTC Shift D @: 06 08 19 15913 46 56Tag: .0060160

Are the seconds?

Lagging

or

In sync

Closing block number: 562768

Binary file name: \_\_\_\_\_

**Compass**Heading: 287.2Pitch: -0.6Roll: 0.1**Notes**

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_

Site ID: 318

## MT MKIII

Instrument Number: 113

Instrument Name: Corbina

Checkout by: EA

Verified by: KK

## Batteries, 3 strings of 10.5V alkaline

+7VD = /

+7VA = /

+5VA = /

-5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 04 19 155

03 39 34

Tag: 0.000 2341

Parameters descrip:

318

Sample rate: 12562.5Hz

# Ch: 6

Clock Drift Check: \_\_\_\_\_

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 04 19 155

07 00 00

UTC

Local: 23:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓

## Pre-deployment

Coils:

B1 / North/South: MC 0144

B2 / East/West: MC 0176

Horizontal electrodes White:

Green:

Black:

Red:

Compass S/N: Corbina

Compass ON: 21:29 L

Compass flash: ✓

Strayline S/N: CBNA

Strayline test: ✓

Deck check performed: ✓

## Acoustics

S/N: 32350

Receive Frequency: 11 kHz

Option 1: 622315

Disable: 622264

Enable: 622247

Release 1: 635420

Release 2: 635445

On-anchor chk:

Primary V: 17.8

Off: ✓

Secondary V: 17.8

Off: ✓

## Deployment

Date: 06/04/19

Time: 05:54

Depth: 4941 m

Latitude: 54° 3.809

Longitude: 155° 51.259

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 5:35 UTC (21:35 L)

## Recovery

Date: 6/8

Acoustics Enabled @: 5:36 L

UTC

Release acknowledge: 06:01 L

Liftoff from seafloor @: 0605

UTC

ETA to surface @: 1006

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 08 19 159

18 46 21

Tag: .9943417

Are the seconds?

Lagging

or

in sync

Closing block number: 584400

Binary file name: \_\_\_\_\_

## Compass

Heading: 185.6

Pitch: 0.8

Roll: 4.4

## Notes

GASH IN WHITE ELECTRODE ARM.

Ch. 1: 2.65 k $\Omega$

Ch. 2: 2.61 k $\Omega$



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 319**MT MKIII**Instrument Number: 118Instrument Name: KikakapuCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = ✓+7VA = ✓+5VA = ✓-5VA = ✓**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel  
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 04 19 15503 58 17Tag: 0.0002329Parameters descrip: 319Sample rate: 12562.5 Hz# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15507 00 00

UTC

Local: 23:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC 231B2 / East/West: MC 0032

Horizontal electrodes

White: ✓Green: ✓Black: ✓Red: ✓Compass S/N: KikakapuCompass ON: 21:57Compass flash: ✓Strayline S/N: KIKA

Strayline test: \_\_\_\_\_

Deck check performed: \_\_\_\_\_

**Acoustics**S/N: 33012Receive Frequency: 11 kHzOption 1: 312453Disable: 312436Enable: 312415Release 1: 331104Release 2: 331127

On-anchor chk:

Primary V: 17.0Off: ✓Secondary V: 17.0Off: ✓**Deployment**Date: 06/04/19Time: 06:45Depth: 5008 mLatitude: 54° 5.715Longitude: 155° 53.001

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: \_\_\_\_\_

**Recovery**Date: 6/8Acoustics Enabled @: 0608

UTC

Release acknowledge: 0635Liftoff from seafloor @: 0640

UTC

ETA to surface @: 1044

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tag: 0366861

Are the seconds?

Lagging

or

in sync

Closing block number: 574868

Binary file name: \_\_\_\_\_

**Compass**Heading: 139.2Pitch: 3.8Roll: 5.9**Notes**

~~Ch 1: 2.61 kHz~~  
~~Ch 2: 2.61 kHz~~

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 320**MT MKIII**Instrument Number: 135Instrument Name: HawkfishCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: /Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15504 15 14Tag: 0.000 2341

Parameters descrip:

320Sample rate: 125.5 Hz# Ch: 4Clock Drift Check: /ADC test OK: /

Initialize the disk: \_\_\_\_\_

Wake up date/time:

06 04 19 15507 00 00

UTC

Local: 23:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC 0096B2 / East/West: MC 0033

Horizontal electrodes

White: /Green: /Black: /Red: /

Compass S/N:

HawkfishCompass ON: 22:47Compass flash: /

Strayline S/N:

HFSHStrayline test: /Deck check performed: /**Acoustics**S/N: 32245Receive Frequency: 11 kHzOption 1: 612142Disable: 612127Enable: 612104Release 1: 630044Release 2: 630067

On-anchor chk:

Primary V: 17.0Off: /Secondary V: 17.0Off: /**Deployment**Date: 06/04/19Time: 07:13Depth: 5065 mLatitude: 54° 7.615Longitude: 155° 54.702

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 06:59 UTC (22:59L)**Recovery**Date: 6/8Acoustics Enabled @: 0649L UTCRelease acknowledge: 07:08LLiftoff from seafloor @: 0713L UTCETA to surface @: 1120L UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 08 19 15920 06 53Tag: 0.0040229

Are the seconds?

Lagging

or

in sync

Closing block number: 591680Binary file name: 320-Hawkfish.bin**Compass**Heading: 308.5Pitch: 0Roll: 1.9**Notes**

$E_x = C_{H_2} \rightarrow$  noise signal 1st half



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 321

**MT MKIII**

Instrument Number: 103

Instrument Name: Goldfish

Checkout by: EA

Verified by: JP

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓

+7VA = ✓

+5VA = ✓

-5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 04 19 155

04 30 52

Tag: 0.000 2383

Parameters descrip: 321

Sample rate: 125.5 Hz

# Ch: 8

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time: 06 04 19 155

08 00 00 UTC

Local: 00:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓

## Pre-deployment

Coils:

B1 / North/South: MC0050

B2 / East/West: MC0169

Horizontal electrodes

White: ✓

Green: ✓

Black: ✓

Red: ✓

Compass S/N: Goldfish

Compass ON: 23:15

Compass flash: ✓

Strayline S/N: GFSH

Strayline test: ✓

Deck check performed: ✓

## Acoustics

S/N: 32245

Receive Frequency: \_\_\_\_\_

Option 1: 621726

Disable: 621706

Enable: 621674

Release 1: 635177

Release 2: 635115

635215

On-anchor chk:

Primary V: 17.0

Off: ✓

Secondary V: 17.0

Off: ✓

## Deployment

Date: 06/04/19

Time: 07:43

Depth: 5130 m

Latitude: 54° 9.524

Longitude: 155° 56.441

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 07:25 UTC (23:25 L)

## Recovery

Date: 6/8

Acoustics Enabled @: 07:18 L UTC

Release acknowledge: 07:48 L

Liftoff from seafloor @: 07:52 L UTC

ETA to surface @: 12:02 L

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 08 19 159

20 39 01

Tag: 0.0048850

Are the seconds?

Lagging

or

in sync

Closing block number: 0589160

Binary file name: 2LF-01dfish.lin

## Compass

Heading: 347.3

Pitch: -1.3

Roll: 2.7

## Notes

Ex = ch3 → noisy from 1st quarter and on

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 322**MT MKIII**Instrument Number: 115Instrument Name: FlounderCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: /Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15504 53 21Tag: 0.000 2339Parameters descrip: 322Sample rate: 12562.5 Hz# Ch: 6Clock Drift Check: /ADC test OK: /Initialize the disk: /

Wake up date/time:

06 04 19 15508 00 00

UTC

Local: 00:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: /**Pre-deployment**

Coils:

B1 / North/South: MC0157B2 / East/West: MC0246

Horizontal electrodes

White: /Green: /Black: /Red: /Compass S/N: FlounderCompass ON: 23:46 lCompass flash: /Strayline S/N: XPD 3Strayline test: /Deck check performed: /**Acoustics**S/N: 30908Receive Frequency: 11 kHzOption 1: 173154Disable: 171442Enable: 171427Release 1: 153416Release 2: 153435

On-anchor chk:

Primary V: 17.8Off: /Secondary V: 18.0Off: /**Deployment**Date: 6/4Time: 0810 utcDepth: 5222 mLatitude: 54°11.431Longitude: 155° 58.175

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: 07:54 UTC (23:54 l)**Recovery**Date: 6/8Acoustics Enabled @: 07:59 l UTCRelease acknowledge: 08:36 lLiftoff from seafloor @: 0840 l UTCETA to surface @: 1255 l UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 08 19 15921 15 01Tag: 0.277469

Are the seconds?

Lagging

or

in sync

Closing block number: 592416Binary file name: 322-Flounder.bin**Compass**Heading: 247.6Pitch: 1.0Roll: 1.9**Notes**

SWAPPED ACOUSTIC UNIT TO: 30908

Ey = CH4 → Very noisy from start  
No CSEM signal'DIFFICULT TO SEND  
OPTION 1 IN  
HT-REJECT.'



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_

Site ID: 323

**MT MKIII**

Instrument Number: 116

Instrument Name: Goby

Checkout by: EA

Verified by: KK

## Batteries, 3 strings of 10.5V alkaline

+7VD = /

+7VA = /

+5VA = /

-5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: /

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06

04

19

155

05

12

24

Tag: 0.000 2385

Parameters descrip: 323

Sample rate: 125 Hz

# Ch: 6/4

Clock Drift Check: /

ADC test OK: /

Initialize the disk: /

Wake up date/time:

06

04

19

155

09

00

00

UTC

Local: 01:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): /

End text capture: \_\_\_\_\_

Dessicant/Purge: /

## Pre-deployment

Coils:

B1 / North/South: MC0079

B2 / East/West: MC0052

Horizontal electrodes

White:

WG-0756

Green:

WG-062047

Black:

WG-0602

Red:

WG-0466

Compass S/N: Goby

Compass ON: 00:13

Compass flash: /

reset

Strayline S/N: Goby

Strayline test: /

Deck check performed: /

## Acoustics

S/N: 33001

Receive Frequency: 11 kHz

Option 1: 311400

Disable: 311367

Enable: 311344

Release 1: 330343

Release 2: 330360

On-anchor chk:

Primary V: 17.2

Off: /

Secondary V: 17.6

Off: /

## Deployment

Date: 6/4

Time: 0840 UTC

Depth: 5320 m

Latitude: 54° 13.340

Longitude: 155° 59.910

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

## Recovery

Date: 6/8/19

Acoustics Enabled @: ~13:00 2 UTC

Release acknowledge: 13:30

Liftoff from seafloor @: 13:35 2 UTC

ETA to surface @: 17:54

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06

09

19

160

02

22

17

Tag: 0.9845360

Are the seconds?

Lagging

or

in sync

Closing block number: 614756

Binary file name: 323 Goby. bin

## Compass

Heading: 93

Pitch: -0.7

Roll: -0.6

## Notes

FLAG NOT TAPED

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_Site ID: 324

MT MKIII

Instrument Number: 128Instrument Name: BocaccioCheckout by: EAVerified by: JP

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓+7VA = ✓+5VA = ✓-5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

06 04 19 15505 37 07Tag: 0.0002487Parameters descrip: 324Sample rate: 12562.5 Hz# Ch: 8

Clock Drift Check: \_\_\_\_\_

ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time: 06 04 19 15509 00 00

UTC

Local: 01:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

## Pre-deployment

Coils:

B1 / North/South: MC0069B2 / East/West: MC0217

Horizontal electrodes

White: WG1112Green: WG1113Black: WG1115Red: WG1116Compass S/N: BocaccioCompass ON: 00:43Compass flash: ✓Strayline S/N: BOCAStrayline test: ✓Deck check performed: ✓

## Acoustics

S/N: 32342Receive Frequency: 11.0 kHzOption 1: 621516Disable: 621467Enable: 621444Release 1: 635025Release 2: 635040

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.2Off: ✓

## Deployment

Date: 6/4Time: 09:06 UTCDepth: 5410 mLatitude: 54° 15.234Longitude: 156° 01.652

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

## Recovery

Date: 6/8/19Acoustics Enabled @: 13:482 UTCRelease acknowledge: 14:16 (2°)Liftoff from seafloor @: 14:202 UTCETA to surface @: 18:442 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 16003 24 27Tag: 0.0039951

Are the seconds?

Lagging

or

in sync

Closing block number: 620376Binary file name: 324 Bocaccio.bin

## Compass

Heading: 282.3Pitch: 0.8Roll: -0.6

## Notes

Primary no response. Sent ~5 times. Burned on Secondary

CLAW NOT TAPED



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 325**MT MKIII**Instrument Number: 104Instrument Name: BlackfinCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15505 57 49Tag: 0.0002364Parameters descrip: 325Sample rate: 12562.5Hz# Ch: 4Clock Drift Check: ✓ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time: 06 04 19 15509 00 00

UTC

Local: 01:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC 0089B2 / East/West: MC 0071

Horizontal electrodes

White: WG 1032Green: WG 1030Black: WG 1181Red: WG 1178Compass S/N: BlackfinCompass ON: 01:09 2Compass flash: ✓Strayline S/N: BFINStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32331Receive Frequency: 11.0Option 1: 620475Disable: 620456Enable: 620433Release 1: 634207Release 2: 634224

On-anchor chk:

Primary V: 16.8Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 6/4Time: 09:30 UTCDepth: 5540

m

Latitude: 54° 17.137Longitude: 156° 3.381

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/8/19Acoustics Enabled @: 14:34

UTC

Release acknowledge: 14:582Liftoff from seafloor @: 15:03

UTC

4hr 30min

ETA to surface @: 19:332

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 16004 04 38Tag: 0.867345

Are the seconds?

Lagging

or

in sync

Closing block number: 624004Binary file name: 325-Blackfin.bin**Compass**Heading: 244.5Pitch: 1.8Roll: 2.6**Notes**

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 326

**MT MKIII**

Instrument Number: 140

Instrument Name: Wolf fish

Checkout by: EA

Verified by: JP

**Batteries, 3 strings of 10.5V alkaline**

+7VD = ✓

+7VA = ✓

+5VA = ✓

-5VA = ✓

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 04 19 155

06 18 25

Tag: 0.000 2340

Parameters descrip: 326

Sample rate: 12562.5 Hz

# Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time: 06 04 19 155

10 00 00 UTC

Local: 02:00

Clock Drift Check: ✓

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓

**Pre-deployment**

Coils:

B1 / North/South: MC 0100

B2 / East/West: MC 0107

Horizontal electrodes

White: WG-0855

Green: WG-0698

Black: SE060

Red: SE096

Compass S/N: Wolf fish

Compass ON: 01:33

Compass flash: ✓

Strayline S/N: WFSH

Strayline test: ✓

Deck check performed: ✓

**Acoustics**

S/N: 32251

Receive Frequency: 11.0

Option 1: 612606

Disable: 612564

Enable: 612547

Release 1: 630343

Release 2: 630360

On-anchor chk:

Primary V: 17.6

Off: ✓

Secondary V: 17.6

Off: ✓

**Deployment**

Date: 6/4

Time: 0954 utc

Depth: 5680 m

Latitude: 54° 19.038

Longitude: 156° 5.121

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

**Recovery**

Date: 6/8/19

Acoustics Enabled @: 15:07

UTC

Release acknowledge: 15:52

2

Liftoff from seafloor @: 15:56

UTC

ETA to surface @: 20:33

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 160

04

Tag: \_\_\_\_\_

Are the seconds?

Lagging

or

in sync

Closing block number: 622596

Binary file name: 326 Wolf fish.bin

**Compass**

Heading: 108

Pitch: 0.8

Roll: 1.5

**Notes**

15:46



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_

Site ID: 320

## MT MKIII

Instrument Number: 138

Instrument Name: Swordfish

Checkout by: EA

Verified by: JP

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓

+7VA = ✓

+5VA = ✓

-5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 04 19 155

06 33 11

Tag: 0.000 2424

Parameters descrip:

330

Sample rate: 12562.5 Hz

# Ch: 6

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time:

06 04 19 155

10 00 00

UTC

Local: 02:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓

## Pre-deployment

Coils:

B1 / North/South: MC 0122

B2 / East/West: MC 0073

Horizontal electrodes

White:

WG-0656

Green:

WG-0809

Black:

WG-0550

Red:

WG-0770

Compass S/N:

Swordfish

Compass ON: 01:58 ✓

Compass flash: ✓

Strayline S/N:

SF-SH

Strayline test: ✓

Deck check performed: ✓

## Acoustics

S/N: 30945

Receive Frequency: 11.0

Option 1: 403603

Disable: 401566

Enable: 401545

Release 1: 424233

Release 2: 424256

On-anchor chk:

Primary V: 17.4

Off: ✓

Secondary V: 17.4

Off: ✓

## Deployment

Date: 6/4

Time: 1053 UTC

Depth: 5650 m

Latitude: 54° 26.633'

Longitude: 156° 12.111'

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

## Recovery

Date: 6/8/19

Acoustics Enabled @: 21:45 UTC

Release acknowledge: 21:58 2

Liftoff from seafloor @: 22:03 UTC

ETA to surface @: 02:39 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 160

11 18 17

Tag: 0037418

Are the seconds?

Lagging

or

In sync

Closing block number: 657768

Binary file name: \_\_\_\_\_

## Compass

Heading: 177.0

Pitch: -1.3

Roll: -4.3

## Notes

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_

Site ID: 331

## MT MKIII

Instrument Number: 121

Instrument Name: Opah

Checkout by: EA

Verified by: KK

## Batteries, 3 strings of 10.5V alkaline

+7VD = ✓

+7VA = ✓

+5VA = ✓

-5VA = ✓

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓

Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 04 19 155

06 52 42

Tag: 0.0002271

Parameters descrip:

331

Sample rate: 125.5 Hz

# Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time:

06 04 19 155

12 00 00

UTC

Local: 04:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

## Pre-deployment

Coils: see page

B1 / North/South: MC0281

B2 / East/West: MC0034

Horizontal electrodes

White: see page

Green: EL-107

Black: LC033

Red: EL-394

Compass S/N: OPAH Koltok

Compass ON: 03:07

Compass flash: ✓

Strayline S/N: OPAH

Strayline test: ✓

Deck check performed: ✓

## Acoustics

S/N: 32277

Receive Frequency: 11.0

Option 1: 615162

Disable: 615141

Enable: 615124

Release 1: 632060

Release 2: 632111

On-anchor chk:

Primary V: 17.6

Off: ✓

Secondary V: 17.8

Off: ✓

## Deployment

Date: 6/4

Time: 11:16 UTC

Depth: 5240 m

Latitude: 54° 28.533

Longitude: 156° 13.865

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

## Recovery

Date: 6/8/19

Acoustics Enabled @: 22:09 UTC

Release acknowledge: 22:45

Liftoff from seafloor @: 22:50 UTC

ETA to surface @: 03:06 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 160

11 52 16

Tag: 09724680

Are the seconds?

Lagging

or

in sync

Closing block number: 649996

Binary file name: \_\_\_\_\_

## Compass

Heading: 142.5

Pitch: -14.9

Roll: 3.4

## Notes

OPAH compass buffed early - using Koltok (spare)



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_Site ID: 332**MT MKIII**Instrument Number: 141Instrument Name: BonitoCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = ✓+7VA = ✓+5VA = ✓-5VA = ✓**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel  
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 04 19 15507 12 17Tag: 0.000 2381

Parameters descrip:

332

Sample rate:

125 X 62.5 Hz

# Ch:

6 / 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15512 00 00

UTC

Local:

04:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC0207B2 / East/West: MC0115

Horizontal electrodes

White:

LG-0641

Green:

LG-0643

Black:

LG-390

Red:

LG-116

Compass S/N:

Bonito

Compass ON:

03:20 2

Compass flash:

✓

Strayline S/N:

BNTDStrayline test: ✓Deck check performed: ✓**Acoustics**

S/N:

32292

Receive Frequency:

11.0

Option 1:

616517

Disable:

616466

Enable:

616445

Release 1:

633051

Release 2:

633072

On-anchor chk:

Primary V:

17.0Off: ✓

Secondary V:

17.0Off: ✓**Deployment**

Date:

6/4

Time:

1144 utc

Depth:

5082 m

Latitude:

54° 30.435

Longitude:

156° 15.638

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @:

on deck**Recovery**

Date:

6/8/19

Acoustics Enabled @:

23:071 UTC

Release acknowledge:

23:302

Liftoff from seafloor @:

23:352 UTC4h 8m

ETA to surface @:

03:432 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 16012 20 31

Tag:

0103358

Are the seconds?

Lagging

or

in sync

Closing block number:

652548

Binary file name: \_\_\_\_\_

**Compass**

Heading:

272.5

Pitch:

1.1

Roll:

1.1**Notes**

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: \_\_\_\_\_

Site ID: 333**MT MKIII**Instrument Number: 101Instrument Name: ForibaldiCheckout by: EAVerified by: CA**Batteries, 3 strings of 10.5V alkaline**+7VD = /+7VA = /+5VA = /-5VA = /**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓Flash Card Label / Size: 2

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

060419155073143

Tag:

0.000 2378

Parameters descrip:

333

Sample rate:

125 Hz

# Ch:

4Clock Drift Check: ✓ADC test OK: ✓

Initialize the disk: \_\_\_\_\_

Wake up date/time:

060419155130000

UTC

Local:

05:00

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): \_\_\_\_\_

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: M0826B2 / East/West: MC 0078

Horizontal electrodes

White: E292Green: E120Black: E102Red: E234Compass S/N: GainbaldiCompass ON: 03:48Compass flash: ✓Strayline S/N: GBPTStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 31443Receive Frequency: 11.0Option 1: 476211Disable: 476173Enable: 476150Release 1: 452404Release 2: 452427

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.2Off: ✓**Deployment**Date: 6/4Time: 1208Depth: 4080

m

Latitude: 54° 32.318Longitude: 156° 17.391

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9/18Acoustics Enabled @: 6/8/18 23:40

UTC

Release acknowledge: 00:502Liftoff from seafloor @: 00:54

UTC

3h 19mETA to surface @: 04:132

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

060919160125029

Tag:

.9735803

Are the seconds?

Lagging

or

in sync

Closing block number: 649836

Binary file name: \_\_\_\_\_

**Compass**Heading: 272.9Pitch: -1.0Roll: 10.4**Notes**



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: \_\_\_\_\_ Site ID: 334

**MT MKIII** Instrument Number: 146 Instrument Name: Mooneye  
Checkout by: EA Verified by: SN

## Batteries, 3 strings of 10.5V alkaline

+7VD = / +7VA = / +5VA = / -5VA = /

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ✓ Flash Card Label / Size: 2 GB

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

Synch with GPS @: 06 04 19 155 07 49 44 Tag: 0.000 362

Parameters descrip: 334 Sample rate: 12562.5 Hz # Ch: 8 4

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

Wake up date/time: 06 04 19 155 13 00 00 UTC Local: 05:00

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

## Pre-deployment

Coils: B1 / North/South: MC0046 B2 / East/West: MC0018

Horizontal electrodes White: WG-1050 Green: WG-1152 Black: WG-1151 Red: WG-1051

Compass S/N: Mooneye Compass ON: 04:12 L Compass flash: ✓

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

## Acoustics

S/N: 32246 Receive Frequency: 11.0 Option 1: 611571

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

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

## Deployment

Date: 6/4 Time: 1235 UTC Depth: 4115 m

Latitude: 54°34.360 Longitude: 156°19.285

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: on deck

## Recovery

Date: 6/9 Acoustics Enabled @: 0101 L DTC

Release acknowledge: 0122 L Liftoff from seafloor @: 0127 L DTC

ETA to surface @: 04:48 L UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 160 13 27 50 Tag: .9980566

Are the seconds? Lagging or in sync

Closing block number: 653212 Binary file name: \_\_\_\_\_

## Compass

Heading: 11.8 Pitch: 1.9 Roll: 0.3

**Notes** moved drop point 300 m to NW along profile to avoid bathy

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 335**MT MKIII**Instrument Number: 133Instrument Name: CatfishCheckout by: SNVerified by: JP**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ☒Flash Card Label / Size: 2.0

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

060419155082901

Tag:

0.000 2408Parameters descrip: 335Sample rate: 62.5

Hz

# Ch: 64Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

061419155140000

UTC

Local: 0600 #4Clock Drift Check: ☒Begin (time cntng): ☒

End text capture: \_\_\_\_\_

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0244B2 / East/West: MC0147

Horizontal electrodes

White: WG-0743Green: WG-0439Black: WG-0448Red: WG-0509Compass S/N: CATFISHCompass ON: 04:40Compass flash: ☒Strayline S/N: CFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 3282Receive Frequency: 11.0Option 1: 615544Disable: 615521Enable: 615502Release 1: 632321Release 2: 632344

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 6/4Time: 1300 utcDepth: 4257

m

Latitude: 54° 36.134Longitude: 156° 20.947

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/4Acoustics Enabled @: 0521UTCRelease acknowledge: 05:39Liftoff from seafloor @: 05:43UTCETA to surface @: 09:11UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 080919160173409Tag: 954962

Are the seconds?

Lagging

or

in sync

Closing block number: 670048

Binary file name: \_\_\_\_\_

**Compass**Heading: 160.0Pitch: -1.9Roll: 0.0**Notes**



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 336**MT MKIII**Instrument Number: 134Instrument Name: DogfishCheckout by: SN

Verified by: \_\_\_\_\_

**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ☒Flash Card Label / Size: 2.0

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

06 04 19 15508 58 56

Tag:

0.000 2390

Parameters descrip:

336

Sample rate:

62.5

Hz

# Ch:

684Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 04 19 15514 00 00

UTC

Local:

0600hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: \_\_\_\_\_

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0093B2 / East/West: MC0265

Horizontal electrodes

White:

WG1180

Green:

WG1049

Black:

WG1084

Red:

WG1060

Compass S/N:

DogfishCompass ON: 05:06Compass flash: ☒

Strayline S/N:

DFS14Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32276Receive Frequency: 11.0Option 1: 615107Disable: 615076Enable: 615055Release 1: 632026Release 2: 632043

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 6/4Time: 1325Depth: 3990

m

Latitude: 54° 38.023Longitude: 156° 22.711

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9Acoustics Enabled @: 05:49

UTC

Release acknowledge: 0627? 06:50Liftoff from seafloor @: 06:34

UTC

ETA to surface @: 09:49

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 16018 10 38

Tag:

9906765

Are the seconds?

Lagging

or

in sync

Closing block number: 673344

Binary file name: \_\_\_\_\_

**Compass**Heading: 64.3Pitch: 2.2Roll: 4.8**Notes**trouble sending release → directionaliz?

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 336a**MT MKIII**Instrument Number: 117Instrument Name: HokiCheckout by: SN

Verified by: \_\_\_\_\_

**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel  
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 04 19 15509 14 44Tag: 0.000 2360Parameters descrip: 336aSample rate: 61.5

Hz

# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15515 00 00

UTC

Local: 07:00h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0108B2 / East/West: MC0221

Horizontal electrodes

White: WG-0684Green: WG-0633Black: SE-455Red: SW-750Compass S/N: HokiCompass ON: 05:30 LCompass flash: ✓Strayline S/N: HOKIStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32336Receive Frequency: 11.0Option 1: 621041Disable: 621024Enable: 621007Release 1: 634457Release 2: 634474

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.4Off: ✓**Deployment**Date: 6/4Time: 1346 UTCDepth: 3836

m

Latitude: 54° 39.917Longitude: 156° 24.473

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9/19Acoustics Enabled @: 06:39 L

UTC

Release acknowledge: 07:20 LLiftoff from seafloor @: 07:24 L

UTC

ETA to surface @: 10:33 L

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 16019 07 28Tag: .9510602

Are the seconds?

Lagging

or

in sync

Closing block number: 673056

Binary file name: \_\_\_\_\_

**Compass**Heading: 128.8Pitch: -1.1Roll: 5.5**Notes**



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 336b**MT MKIII**Instrument Number: 129Instrument Name: CrouckerCheckout by: SN

Verified by: \_\_\_\_\_

**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel configuration

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

Synch with GPS @:

060419155093323Tag: 0.000 2002Parameters descrip: 336bSample rate: 62.5425

Hz

# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

060419155150000

UTC

Local: 07:00h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC 0174B2 / East/West: MC 0066

Horizontal electrodes

White: WG 0927Green: WG 0927Black: WG 0987Red: WG 0781Compass S/N: CrouckerCompass ON: 05:50Compass flash: ✓Strayline S/N: CROAStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32285Receive Frequency: 11.0Option 1: 61577xDisable: 615757Enable: 615732Release 1: 632514Release 2: 632537

On-anchor chk:

Primary V: 16.4Off: ✓Secondary V: 16.4Off: ✓**Deployment**Date: 6/4Time: 1423Depth: 3468

m

Latitude: 54°41.828Longitude: 156°25.793

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9/19Acoustics Enabled @: 07:28UTCRelease acknowledge: 0815Liftoff from seafloor @: 0819UTCETA to surface @: 1108UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

       Tag: .9945290

Are the seconds?

Lagging

or

in sync

Closing block number: ~ 685000

Binary file name: \_\_\_\_\_

**Compass**Heading: 108.1Pitch: -28.1Roll: 3.7**Notes**moved 500m East of waypoint to avoid steep cliff

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8 Survey ID: \_\_\_\_\_ Site ID: 336c

**MT MKIII** Instrument Number: 114 Instrument Name: Dorado  
Checkout by: SN Verified by: JA

## Batteries, 3 strings of 10.5V alkaline

+7VD = \_\_\_\_\_ +7VA = \_\_\_\_\_ +5VA = \_\_\_\_\_ -5VA = \_\_\_\_\_

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_ Flash Card Label / Size: 2.0 GB

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

Synch with GPS @: 06 04 19 155 09 47 32 Tag: 0.000 2311

Parameters descrip: 336c Sample rate: 62.5 Hz # Ch: 6-4

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

Wake up date/time: 06 04 19 155 16 00 00 UTC Local: 0800h

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

## Pre-deployment

Coils: B1 / North/South: MC0276 B2 / East/West: MC0289

Horizontal electrodes White: WG1170 Green: WG1171 Black: WG1095 Red: WG1099

Compass S/N: Dorado Compass ON: 06:27 Compass flash: ✓

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

## Acoustics

S/N: 33020 Receive Frequency: 11.0 Option 1: 313274

Disable: 313257 Enable: 313232 Release 1: 331501 Release 2: 331522

On-anchor chk: Primary V: 16.4 Off: ✓ Secondary V: 16.6 Off: ✓

## Deployment

Date: 6/4 Time: 1452 Depth: 2580 m

Latitude: 54° 43.846 Longitude: 156° 27.840

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: on deck

## Recovery

Date: 6/9/19 Acoustics Enabled @: 11:43 2 UTC

Release acknowledge: 12:06 2 Ltoff from seafloor @: 12:10 2 UTC 2h5m

ETA to surface @: 14:15 2 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 160 23 02 14 Tag: 0.9290325

Are the seconds? \_\_\_\_\_ Lagging or in sync

Closing block number: 688848 Binary file name: 336c-Dorado.bin

**Compass** Heading: 196.1 Pitch: -22.0 Roll: -0.1

## Notes



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 337**MT MKIII**Instrument Number: 110Instrument Name: GreenlingCheckout by: SN

Verified by: \_\_\_\_\_

**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel  
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 04 19 15510 19 02Tag: 0.000 2314Parameters descrip: 337Sample rate: 62.5

Hz

# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15516 00 00

UTC

Local: 0800h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils: \_\_\_\_\_

B1 / North/South: MC0077B2 / East/West: MC0118

Horizontal electrodes

White: WG-1161Green: WG-1164Black: WG-0965Red: WG-0947Compass S/N: GreenlingCompass ON: 06:56Compass flash: ✓Strayline S/N: GLNGStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32291Receive Frequency: 11.0Option 1: 616420Disable: 616403Enable: 616364Release 1: 633017Release 2: 633034

On-anchor chk: \_\_\_\_\_

Primary V: 16.6Off: ✓Secondary V: 16.6Off: ✓**Deployment**Date: 6/4Time: 1520 UTCDepth: 2460

m

Latitude: 54° 45.710Longitude: 156° 29.788

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9/19Acoustics Enabled @: 12:182hRelease acknowledge: 12:452hLiftoff from seafloor @: 12:472hETA to surface @: 14:472h

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 09 19 16023 27 30Tag: 0.9600813

Are the seconds?

Lagging

or

in sync

Closing block number: 691132Binary file name: 337 Greenling**Compass**Heading: 66.4Pitch: 11.5Roll: 20.6**Notes**\* Strong Pitch/Roll

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 337a

MT MKIII

Instrument Number: 143Instrument Name: Grouper (in Tigerfish from)Checkout by: SN

Verified by: \_\_\_\_\_

## Batteries, 3 strings of 10.5V alkaline

+7VD = 9.42+7VA = 9.45+5VA = 5.0-5VA = -4.99

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: ☒Flash Card Label / Size: 2.0

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15511 21 26Tag: 0.000 2461Parameters descrip: 337aSample rate: 62.5125 Hz# Ch: 6-4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒Wake up date/time: 06 04 19 15517 00 00 UTCLocal: 0900h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ☒

End text capture: \_\_\_\_\_

Dessicant/Purge: ☒

## Pre-deployment

Coils:

B1 / North/South: MC 0054B2 / East/West: MC 0076

Horizontal electrodes

White: WG-0940Green: WG-0964Black: WG-0925Red: WG-0605Compass S/N: TigerfishCompass ON: 07:47 LCompass flash: ☒Strayline S/N: TFSHStrayline test: ☒Deck check performed: ☒

## Acoustics

S/N: 33025Receive Frequency: 11.0Option 1: 313652Disable: 313637Enable: 313614Release 1: 331777Release 2: 332005

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 17.0Off: ☒

## Deployment

Date: 6/2Time: 1601 UTCDepth: 2300 mLatitude: 54° 47.621Longitude: 136° 30.197

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck

## Recovery

Date: 6/9/19Acoustics Enabled @: 12:54 L UTCRelease acknowledge: 13:17 LLiftoff from seafloor @: 13:22 L UTCETA to surface @: 15:14 L UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 09 19 16023 57 57Tag: 0.005857

Are the seconds?

Lagging

or

in sync

Closing block number: 688464Binary file name: 337a-~~Grouper~~

## Compass

Heading: 127.4Pitch: -11.6Roll: 1.0

## Notes

Ch. 1 = 2.722 L

Ch. 2 = 2.63 L



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8 Survey ID: \_\_\_\_\_ Site ID: 337b

**MT MKIII** Instrument Number: 105 Instrument Name: yellowtail

Checkout by: \_\_\_\_\_ Verified by: \_\_\_\_\_

## Batteries, 3 strings of 10.5V alkaline

+7VD = \_\_\_\_\_ +7VA = \_\_\_\_\_ +5VA = \_\_\_\_\_ -5VA = \_\_\_\_\_

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_ Flash Card Label / Size: \_\_\_\_\_ GB

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

Synch with GPS @: 06 04 19 155 11 50 28 Tag: 0.000 2492

Parameters descrip: 337b Sample rate: 62.5 Hz # Ch: -64

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

Wake up date/time: 06 04 19 155 17 00 00 UTC Local: 0900h

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

## Pre-deployment

Coils: B1 / North/South: MC0043 B2 / East/West: MC0057

Horizontal electrodes White: W6-1052 Green: W6-1053 Black: W6-1053 Red: W6-1057

Compass S/N: Yellowtail Compass ON: 08.05 Compass flash: ✓

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

## Acoustics

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

Disable: 622201 Enable: 622163 Release 1: 635364 Release 2: 635403

On-anchor chk: Primary V: 17.0 Off: ✓ Secondary V: 17.2 Off: ✓

## Deployment

Date: 6/4 Time: 1625 UTC Depth: 1596 m

Latitude: 54° 49.379 Longitude: 156° 33.334

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: \_\_\_\_\_

## Recovery

Date: 6/9/19 Acoustics Enabled @: 13:36 UTC

Release acknowledge: 13:50 ✓ Liftoff from seafloor @: 13:55 UTC

ETA to surface @: 15:13 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 10 19 161 00 30 57 Tag: 0.0017084

Are the seconds? \_\_\_\_\_ Lagging or in sync

Closing block number: 691444 Binary file name: 337b-Yellowtail

**Compass** Heading: 330.5 Pitch: -4.5 Roll: -0.3

## Notes

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 337c**MT MKIII**Instrument Number: 122Instrument Name: PufferCheckout by: SNVerified by: JA**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel configuration

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

Synch with GPS @:

06 04 19 15512 17 53Tag: 0.0002374Parameters descrip: 337cSample rate: 62.5

Hz

# Ch: 6-4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 15518 00 00

UTC

Local: 1000h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0290B2 / East/West: MC0022

Horizontal electrodes

White: WG 1076Green: WG 1080Black: WG 150Red: WG 006Compass S/N: PufferCompass ON: 08:292Compass flash: ✓Strayline S/N: PufferStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 31436Receive Frequency: 11.0Option 1: 475477Disable: 475454Enable: 475431Release 1: 452047Release 2: 452064

On-anchor chk:

Primary V: 17.9Off: ✓Secondary V: 17.8Off: ✓**Deployment**Date: 6/4Time: 1645Depth: 1943

m

Latitude: 54° 51.272Longitude: 156° 35.145

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: \_\_\_\_\_

**Recovery**Date: 6/9Acoustics Enabled @: 11:292

UTC

Release acknowledge: 16:462Liftoff from seafloor @: 16:532

UTC

ETA to surface @: 16:53+1:3518:28

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 10 19 16103 14 00Tag: 0.9976207

Are the seconds?

Lagging

or

in sync

Closing block number: 700756Binary file name: 337c-Puffer.bin**Compass**Heading: 311.3Pitch: -0.6Roll: -1.9**Notes**new acoustic rel. since last deployment



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 338**MT MKIII**Instrument Number: 119Instrument Name: MoiCheckout by: SNVerified by: JA**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel  
configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

060419155124506

Tag:

0.000 2314

Parameters descrip:

338

Sample rate:

62.5

Hz

# Ch:

6-4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

060419155180000

UTC

Local:

1000h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC 0160B2 / East/West: MC 0247

Horizontal electrodes

White: SE-584Green: E-258Black: WG-06Red: WG-084Compass S/N: M01Compass ON: 08:48Compass flash: ✓Strayline S/N: M01Strayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32286Receive Frequency: 11.0Option 1: 616040Disable: 616025Enable: 616006Release 1: 632552Release 2: 632571

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.2Off: ✓**Deployment**Date: 6/4Time: 1706 utcDepth: 1848

m

Latitude: 54° 53.176'Longitude: 156° 36.936'

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9/19Acoustics Enabled @: 17:00UTCRelease acknowledge: 17:24✓Liftoff from seafloor @: 17:29UTC1.5hrETA to surface @: 19:00✓

Time Sighted: \_\_\_\_\_

UTC Shift D @:

061019161034607

Tag:

0.978/057

Are the seconds?

Lagging

or

in sync

Closing block number: 703660Binary file name: 338-Moi.bin**Compass**Heading: ✓Pitch: ✓Roll: ✓**Notes**

Compass batt dead! → No compass data  
KUPII COMPASS SWAPPED IN.

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8 Survey ID: \_\_\_\_\_ Site ID: 338a

## MT MKIII

Instrument Number: 127 Instrument Name: Warmouth

Checkout by: SN Verified by: \_\_\_\_\_

## Batteries, 3 strings of 10.5V alkaline

+7VD = \_\_\_\_\_ +7VA = \_\_\_\_\_ +5VA = \_\_\_\_\_ -5VA = \_\_\_\_\_

## Startup

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_ Flash Card Label / Size: 2.0 GB

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

Synch with GPS @: 06 04 19 155 12 59 05 Tag: 0.000 2346

Parameters descrip: 338a Sample rate: 62.5 Hz # Ch: 6-4

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

Wake up date/time: 06 04 19 155 19 00 00 UTC Local: 1100h

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

## Pre-deployment

Coils: B1 / North/South: MC0141 B2 / East/West: MC0255

Horizontal electrodes White: W60549 Green: W60454 Black: W60420 Red: W60840

Compass S/N: Warmouth Compass ON: 09:10 Compass flash: ✓

Strayline S/N: WMT14 Strayline test: ✓ Deck check performed: ✓

## Acoustics

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

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

On-anchor chk: Primary V: 16.4 Off: ✓ Secondary V: 16.4 Off: ✓

## Deployment

Date: 6/4 Time: 1726 utc Depth: 1598 m

Latitude: 54° 55.061 Longitude: 156° 38.721

Arrival time on seafloor: \_\_\_\_\_ Acoustics disabled @: on deck

## Recovery

Date: 6/9/19 Acoustics Enabled @: 17:42 2 UTC

Release acknowledge: 17:58 2 Liftoff from seafloor @: 18:02 2 UTC 1h 18m

ETA to surface @: 1802 + 1.18 = 19:20 2 UTC Time Sighted: \_\_\_\_\_

UTC Shift D @: 06 10 19 161 04 25 26 Tag: 0.9752536

Are the seconds? Lagging or in sync

Closing block number: 701788 Binary file name: 338a-Warmouth.bin

## Compass

Heading: 265.1 Pitch: 7.1 Roll: -11.6

## Notes

LAST  
17:29



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 338b**MT MKIII**Instrument Number: 123Instrument Name: QuillbackCheckout by: SNVerified by: GoJ**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel  
configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

060419155131430

Tag: 0.000

2419Parameters descrip: 338bSample rate: 62.5

Hz

# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

060419155190000

UTC

Local: 1100h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: \_\_\_\_\_

**Pre-deployment**

Coils:

B1 / North/South: MC0098B2 / East/West: MC0288

Horizontal electrodes

White: WG-130Green: WG-154Black: WG-381Red: WG-0904Compass S/N: QuillbackCompass ON: 09:30Compass flash: ✓Strayline S/N: QLBKStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32255Receive Frequency: 11.0Option 1: 613135Disable: 613116Enable: 613067Release 1: 630555Release 2: 630576

On-anchor chk:

Primary V: QLBK 17.4Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 6/4Time: 1749Depth: 1405

m

Latitude: 59°56.933Longitude: 156°40.528

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9Acoustics Enabled @: 20:25

UTC

Release acknowledge: 20:41Liftoff from seafloor @: 20:45

UTC

ETA to surface @: 21:59

UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 061019161062129Tag: 0.9645840

Are the seconds?

Lagging

or

in sync

Closing block number: 0712276Binary file name: 338b-Quillback.bin**Compass**Heading: 171.4Pitch: -3.0Roll: -0.7**Notes**

# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: 338c**MT MKIII**Instrument Number: 109Instrument Name: GraysbyCheckout by: SNVerified by: God**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0

GB

Channel  
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 04 19 155 13 46 15Tag: 0.000 2412

Parameters descrip:

338c

Sample rate:

62.5

Hz

# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 04 19 155 20 00 00

UTC

Local:

1200h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: 0042B2 / East/West: 0023

Horizontal electrodes

White:

WG 1094

Green:

WG 1097

Black:

WG 1096

Red:

WG 1098

Compass S/N:

Graysby

Compass ON:

09:53Compass flash: ✓

Strayline S/N:

GSB9Strayline test: ✓Deck check performed: ✓**Acoustics**

S/N:

32271

Receive Frequency:

11.0

Option 1:

614533

Disable:

614510

Enable:

614461

Release 1:

631547

Release 2:

631564

On-anchor chk:

Primary V:

17.4Off: ✓

Secondary V:

17.4Off: ✓**Deployment**

Date:

6/4

Time:

1819 utc

Depth:

1391 m

Latitude:

54° 58.831

Longitude:

156° 42.354

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @:

on deck**Recovery**

Date:

9 June 2019

Acoustics Enabled @:

21:001 UTC

Release acknowledge:

21:15

Liftoff from seafloor @:

21:24

UTC

ETA to surface @:

21:24 + 1:08 = 22:32 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @:

06 10 19 16107 09 39

Tag:

0.9437306

Are the seconds?

Lagging

or

in sync

Closing block number:

711208

Binary file name:

338c-Gray\_sbx.bin**Compass**

Heading:

269.4

Pitch:

3.2

Roll:

4.3**Notes**



# Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: \_\_\_\_\_

Site ID: ~~338~~ 339**MT MKIII**Instrument Number: 142Instrument Name: CohoCheckout by: SN

Verified by: \_\_\_\_\_

**Batteries, 3 strings of 10.5V alkaline**

+7VD = \_\_\_\_\_

+7VA = \_\_\_\_\_

+5VA = \_\_\_\_\_

-5VA = \_\_\_\_\_

**Startup**

Begin text capture (file name): \_\_\_\_\_

All connectors and cables seated: \_\_\_\_\_

Flash Card Label / Size: 2.0 GB

Channel configuration

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

Synch with GPS @:

060419155143505

Tag:

0.000

2416Parameters descrip: 339Sample rate: 62.5 Hz# Ch: 6-4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

060419155200000

UTC

Local: 12:00h

Clock Drift Check: \_\_\_\_\_

Begin (time cntng): ✓

End text capture: \_\_\_\_\_

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: 0049B2 / East/West: 0143

Horizontal electrodes

White: 582WG-1528Green: WG ??Black: WG-0687Red: WG-0613Compass S/N: CohoCompass ON: 10:23 LCompass flash: ✓Strayline S/N: CohoStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33021Receive Frequency: 11.0Option 1: 313343Disable: 313326Enable: 313305Release 1: 331547Release 2: 331564

On-anchor chk:

Primary V: 17.6Off: ✓Secondary V: 17.6Off: ✓**Deployment**Date: 6/4Time: 1855 utcDepth: 1180 mLatitude: 55° 0.715Longitude: 156° 44.141

Arrival time on seafloor: \_\_\_\_\_

Acoustics disabled @: on deck**Recovery**Date: 6/9Acoustics Enabled @: 23:08 UTCRelease acknowledge: 23:35Liftoff from seafloor @: 23:42 UTCETA to surface @: 00:40 UTC

Time Sighted: \_\_\_\_\_

UTC Shift D @: 061019161090718Tag: 0044967

Are the seconds?

Lagging

or

in syncClosing block number: 721836

Binary file name: \_\_\_\_\_

**Compass**Heading: 37.6Pitch: -4.5Roll: 1.0**Notes**