

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 242**MT MKIII**Instrument Number: 130Instrument Name: RockHindCheckout by: EAVerified by: JP**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.86+7VA = 10.88+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 @:

05 28 19 14806 14 52Tag: 0.000 2443Parameters descrip: 242Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14819 00 00

UTC

Local: 02:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG 0637Green: WG 0431Black: WG 0682Red: WG 0882Compass S/N: RockHindCompass ON: 4:09Compass 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: 17.2Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 5/18/19Time: 1303 UTCDepth: 45mLatitude: 56° 4.676Longitude: 155° 18.352

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/3/19Acoustics Enabled @: 02:34Release acknowledge: 02:35

Liftoff from seafloor @: _____

ETA to surface @: 02:43

UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 15411 12 33Tag: 0068983

Are the seconds?

Lagging

or

in sync

Closing block number: 2361961

Binary file name: _____

CompassHeading: youPitch: tellRoll: me (again)**Notes**

these compasses be misbehavin' brooo.

Ch.1: 2.69kRCh.2: 2.54kR

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 241**MT MKIII**Instrument Number: 136Instrument Name: KingfishCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.87+7VA = 10.89+5VA = 5-5VA = -5**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 @:

05 28 19 14805 51 24Tag: 0.0002300

Parameters descrip:

241Sample rate: 125

Hz

Ch: 6

Clock Drift Check: _____

ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

05 28 19 14809 00 00

UTC

Local: 01:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: MC 0486Green: MC 0473Black: WG 0821Red: WG 0791

Compass S/N:

KingfishCompass ON: 03:081Compass flash: ✓ Reset ✓

Strayline S/N:

KFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 51194Receive Frequency: 11.0Option 1: 437 442Disable: 437 437Enable: 437 404Release 1: 435 347Release 2: 435 364

On-anchor chk:

Primary V: 18.0Off: ✓Secondary V: 17.8Off: ✓**Deployment**Date: 5/28/19Time: 1206 UTCDepth: 67

m

Latitude: 55° 57.671Longitude: 155° 9.288

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/3/19Acoustics Enabled @: 01:20UTCRelease acknowledge: 01:22Liftoff from seafloor @: UTCUTCETA to surface @: UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 15409 53 53Tag: 96 88030

Are the seconds?

Lagging

or

in sync

Closing block number: 2356903

Binary file name: _____

CompassHeading: youPitch: tellRoll: me**Notes**Ch.1: 2.47kLCh.2: 2.58kL

Compass be actin' strange bro

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 240**MT MKIII**Instrument Number: 131Instrument Name: Angel fishCheckout by: EAVerified by: JP**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.87+7VA = 10.89+5VA = 4.9-5VA = -5**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 @:

05 28 19 14805 25 00Tag: 0.000 2365

Parameters descrip:

240Sample rate: 125

Hz

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

Wake up date/time:

05 28 19 14809 00 00

UTC

Local: 01:00Clock Drift Check: ✓

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG-0470Green: WG-0518Black: WG-0440Red: WG-0521Compass S/N: Angel fishCompass ON: 02:07Compass flash: ✓Angel fishStrayline S/N: AFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32268Receive Frequency: 11.0Option 1: 614306Disable: 614277Enable: 614254Release 1: 631415Release 2: 631436

On-anchor chk:

Primary V: 17.0Off: ✓Secondary V: 16.8Off: ✓**Deployment**Date: 5/28/19Time: 10:06Depth: 170

m

Latitude: 55° 50. ~~618~~ 705Longitude: 155° 0.285

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/3Acoustics Enabled @: 00:03

UTC

Release acknowledge: 00:04Liftoff from seafloor @: 00:08

UTC

ETA to surface @: 00:17

UTC

Time Sighted: _____

UTC Shift D @: 06 03 19 15408 44 27Tag: .0220357

Are the seconds?

Lagging

or

in sync

Closing block number: 2338087

Binary file name: _____

CompassHeading: 9.6Pitch: 1.1Roll: 3.4**Notes**Ch. 1: 2.64x2Ch. 2: 2.75x2

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: MT-8

Survey ID: _____

Site ID: 239**MT MKIII**Instrument Number: 112Instrument Name: BallyhooCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.87+7VA = 10.89+5VA = 4.98-5VA = -5**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 @:

05 28 19 14805 04 44Tag: 0.000 2383

Parameters descrip:

239Sample rate: 125

Hz

Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14808 00 00

UTC

Local: 00:00h

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC 0068B2 / East/West: MC 0189

Horizontal electrodes

White: WG-1026Green: WG-1027Black: WG-1139Red: WG-1144Compass S/N: BallyhooCompass ON: 01:09Compass flash: ☒Reset ☒Strayline S/N: BH20 SPR3Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33013Receive Frequency: 11.0Option 1: 312522Disable: 312501Enable: 312470Release 1: 331142Release 2: 331161

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 5/28Time: 10:04 utcDepth: 924

m

Latitude: 55° 43.711Longitude: 154° 51.327

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2Acoustics Enabled @: 21:55

UTC

Release acknowledge: 21:56Liftoff from seafloor @: 20:00

UTC

ETA to surface @: 22:45

UTC

Time Sighted: _____

UTC Shift D @: 06 03 19 15407 24 45Tag: 0.0138846

Are the seconds?

Lagging

or

in sync

Closing block number: 2332741Binary file name: 239-Ballyhoo.bin**Compass**Heading: 128.6Pitch: 0.2Roll: 2.2**Notes**CH1 = 2.66 kNCH2 = 2.68 kN

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____

Site ID: 238

MT MKIII

Instrument Number: 132

Instrument Name: Bonafish

Checkout by: EA

Verified by: KK

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.85

+7VA = 10.88

+5VA = 5

-5VA = -5

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 @:

05 28 19 148

04 34 47

Tag: 0.0002451

Parameters descrip:

238

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

05 28 19 148

07 00 00 UTC

Local: 23:00

Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MCO013

B2 / East/West: MCO112

Horizontal electrodes

White:

WG-1022

Green:

WG-1025

Black:

WG-1023

Red:

WG-1024

Compass S/N:

Bonafish

Compass ON: 00:07

2

Compass flash: ☒

Reset

Strayline S/N:

BFSH

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N:

32326

Receive Frequency: 11.0

Option 1: 620070

Disable:

620053

Enable: 620036

Release 1: 633753

Release 2: 633770

On-anchor chk:

Primary V: 17.4

Off: ☒

Secondary V: 17.6

Off: ☒

Deployment

Date:

5/28/19

Time:

0907 UTC

Depth:

897 m

Latitude:

55° 36.71

Longitude:

157° 42.42

Arrival time on seafloor: _____

Acoustics disabled @:

on deck

Recovery

Date:

6/2

Acoustics Enabled @:

19:40

UTC

Release acknowledge:

19:40 19:49

Liftoff from seafloor @:

19:50

UTC

ETA to surface @:

20:38 UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 154

05 22 54

Tag:

0.9940 9/16

Are the seconds?

Lagging

or

in sync

Closing block number:

2315977

Binary file name:

238_Bonafish.bin

Compass

Heading:

325.4

Pitch:

0.7

Roll:

3.6

Notes

Took two primary releases. Slow burn?
 ↑ both acc.

CH1 = 2.68 km

CH2 = 2.72 km

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 237**MT MKIII**Instrument Number: 120Instrument Name: NiuhCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.85+7VA = 10.87+5VA = 4.97-5VA = -4.96**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 @:

05 28 19 14804 11 35Tag: 0.0002309Parameters descrip: 237Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14807 00 00

UTC

Local: 23:00Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0230B2 / East/West: MC0219

Horizontal electrodes

White: 1064Green: 1069Black: 1121Red: 1068Compass S/N: NEUHICompass ON: 23:41Compass flash: ☒Strayline S/N: NIHIStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33007Receive Frequency: 11Option 1: 312075Disable: 312056Enable: 312033Release 1: 330652Release 2: 330671

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 5/28/2019Time: 0803 UTCDepth: 970 mLatitude: 55° 29.701Longitude: 154° 33.644

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2/19Acoustics Enabled @: 17:30

UTC

Release acknowledge: 17:31Liftoff from seafloor @: ☒

UTC

ETA to surface @: 18:25

UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 15403 01 04Tag: 0.9954154

Are the seconds?

Lagging

or

in sync

Closing block number: 2277523Binary file name: 237-Niuh.bin**Compass**Heading: 345Pitch: 1.6Roll: 1.4**Notes**CH1 = 2.7k Ω CH2 = 2.7k Ω

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 236**MT MKIII**Instrument Number: 106Instrument Name: whitefishCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.85+7VA = 10.87+5VA = 4.97-5VA = -5**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 @:

05 28 19 14803 47 _____Tag: 0.000 2378Parameters descrip: 236Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14807 00 00

UTC

Local: 23:00Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0285B2 / East/West: MC0074

Horizontal electrodes

White: 1058Green: 1061Black: 1059Red: 1087Compass S/N: WhitefishCompass ON: 22:26Compass flash: ☒Strayline S/N: WFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33022Receive Frequency: 11Option 1: 313424Disable: 313407Enable: 313360Release 1: 331606Release 2: 331625

On-anchor chk:

Primary V: 17.8Off: ☒Secondary V: 18.0Off: ☒**Deployment**Date: 05/28/19Time: 06:54Depth: 2168

m

Latitude: 55°22.647Longitude: 154°24.838

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 2 Jun 2019Acoustics Enabled @: 13:36

UTC

Release acknowledge: 13:3614:38Liftoff from seafloor @: 14:41

UTC

ETA to surface @: 10:27

UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 15400 59 23Tag: 0.9526569

Are the seconds?

Lagging

or

in sync

Closing block number: 2244541Binary file name: 236-whitefish.bin**Compass**Heading: 332.3Pitch: 21.4Roll: 5.4**Notes**CH1 = 2.68 kHzCH2 = 2.61 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 235**MT MKIII**Instrument Number: 107Instrument Name: BluefinCheckout by: EAVerified by: JP**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.88+7VA = 10.89+5VA = 5-5VA = -4.99**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 @:

05 28 19 14803 27 52Tag: 0.0002362Parameters descrip: 235Sample rate: 125 Hz # Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

05 28 19 14806 00 00

UTC

Local: 22:00Clock Drift Check: ✓

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0085B2 / East/West: MC0131

Horizontal electrodes

White: 1137Green: 1138Black: 1067Red: 1140Compass S/N: BLUEFINCompass ON: 21:55Compass flash: ✓Strayline S/N: BLFINStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32257Receive Frequency: 11Option 1: 613274Disable: 613257Enable: 613232Release 1: 630652Release 2: 630671

On-anchor chk:

Primary V: 17.4Off: ✓Secondary V: 17.4Off: ✓**Deployment**Date: 05/28/19Time: 06:23Depth: 2851 mLatitude: 55°20.904Longitude: 154°22.673 C1C2

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2Acoustics Enabled @: 0936.1UTC easy enableRelease acknowledge: 13:17 2Liftoff from seafloor @: 14:20

UTC

ETA to surface @: 15:42 2 UTC

Time Sighted: _____

UTC Shift D @:

06 03 19 15400 23 18Tag: 0.9625598

Are the seconds?

Lagging

or

in sync

Closing block number: 2251021Binary file name: 235-bluefin.bin**Compass**Heading: 165.2Pitch: 0.2Roll: -7.6**Notes**CH1 = 2.6 kVCH2 = 2.7 kV

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 234**MT MKIII**Instrument Number: 126Instrument Name: TarponCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.89+7VA = 10.91+5VA = 4.99-5VA = -4.96**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 @:

05 28 19 14802 44 36Tag: 0.000 2383Parameters descrip: 234Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14806 00 00

UTC

Local: 22:00Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: SE579Green: SE565Black: SE540Red: SE512Compass S/N: TarponCompass ON: 21:28Compass flash: ☒Strayline S/N: TRPNStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32339Receive Frequency: 11.0Option 1: 621271Disable: 621252Enable: 621237Release 1: 634602Release 2: 634621

On-anchor chk:

Primary V: 17.8Off: ☒Secondary V: 18.0Off: ☒**Deployment**Date: 05/28/19Time: 05:53Depth: 3193 mLatitude: 55° 19.141Longitude: 154° 20.481

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2/19Acoustics Enabled @: 09:14UTC 7:00Release acknowledge: 10:10Liftoff from seafloor @: 10:14UTC enableETA to surface @: 12:54

UTC Time Sighted: _____

UTC Shift D @:

06 02 19 15321 15 35Tag: 0.988/785

Are the seconds?

Lagging

or

in sync

Closing block number: 2200135Binary file name: 234_Tarpon**Compass**Heading: 301.1Pitch: 5Roll: 0.5**Notes**CH1 = 2.67 k Ω CH2 = 2.71 k Ω

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____ Site ID: 233

MT MKIII Instrument Number: 137 Instrument Name: Lionfish
Checkout by: EA Verified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.89 +7VA = 10.88 +5VA = 4.99 -5VA = -5

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 @: 05 28 19 148 02 19 58 Tag: 0.0002443

Parameters descrip: 233 Sample rate: 125 Hz # Ch: 6

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

Wake up date/time: 05 28 19 148 05 00 00 UTC Local: 21:00

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

Pre-deployment

Coils: B1 / North/South: MC0101 B2 / East/West: MC 0099

Horizontal electrodes White: 0436 Green: 0707 Black: 0474 Red: 0778

Compass S/N: Lionfish Compass ON: 20:56 Compass flash: ✓

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

Acoustics

S/N: 33014 Receive Frequency: 11.0 Option 1: 312606

Disable: 312564 Enable: 312547 Release 1: 331203 Release 2: 331220

On-anchor chk: Primary V: 17.4 Off: ✓ Secondary V: 18.0 Off: ✓

Deployment

Date: 05/28/19 Time: 05:24 Depth: 3786 m

Latitude: 55° 17.392 Longitude: 154° 18.315

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

Recovery

Date: 6/2 Acoustics Enabled @: 0821 UTC

Release acknowledge: 08:58 e Liftoff from seafloor @: 0902 UTC

ETA to surface @: 12:10 e UTC Time Sighted: _____

UTC Shift D @: 06 02 19 153 20 32 35 Tag: 0.0038479

Are the seconds? Lagging or in sync

Closing block number: 2204743 Binary file name: 233-Lionfish.bin

Compass Heading: 109.5 Pitch: -6.8 Roll: -1.6

Notes

CH1 = 2.69 km

CH2 = 2.62 km

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 232**MT MKIII**Instrument Number: 102Instrument Name: sculpinCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.86+7VA = 10.88+5VA = 5-5VA = -4.97**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 @:

05 28 19 14801 55 57Tag: 0.000 2362Parameters descrip: 232Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14805 00 00

UTC

Local: 2100Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0128B2 / East/West: MC0233

Horizontal electrodes

White: 1123Green: 1120Black: 1158Red: 1119Compass S/N: SculpinCompass ON: 20:26Compass flash: ☒Strayline S/N: SCPNUStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33005Receive Frequency: 11.0Option 1: 311724Disable: 311707Enable: 311676Release 1: 330555Release 2: 330576

On-anchor chk:

Primary V: 17.8Off: ☒Secondary V: 18.0Off: ☒**Deployment**Date: 05/28/19Time: 04:52Depth: 4062 mLatitude: 55° 15.629Longitude: 154° 16.123

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2Acoustics Enabled @: 0327UTC enabled
From
2 km,
moderate
attempt.Release acknowledge: 0810Liftoff from seafloor @: 0814

UTC

ETA to surface @: 1137

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15319 57 18Tag: 0.0068669

Are the seconds?

Lagging

or

in sync

Closing block number: 2195179Binary file name: 232-sculpin.bin**Compass**Heading: 277.5Pitch: 0.7Roll: 2.3**Notes**CH1 = 2.71 kHzCH2 = 2.61 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 231**MT MKIII**Instrument Number: 113Instrument Name: CorbinaCheckout by: EAVerified by: JP**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.86+7VA = 10.88+5VA = 5-5VA = -5**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 @:

05 28 19 14801 09 51Tag: 0.000 2414Parameters descrip: 231Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

05 28 19 14804 00 00

UTC

Local: _____

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MCO144B2 / East/West: MCO176

Horizontal electrodes

White: 1166¹⁷³Green: 1168¹⁷⁵Black: 1167Red: 1169Compass S/N: CorbinaCompass ON: 19:58Compass flash: ☒Strayline S/N: CBNAStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 3 2350Receive Frequency: 11Option 1: 622315Disable: 622264Enable: 622247Release 1: 635420Release 2: 635445

On-anchor chk:

Primary V: 18.4Off: ☒Secondary V: 18.4Off: ☒**Deployment**Date: 05/28/19Time: 04:23Depth: 4354 mLatitude: 55° 13.877Longitude: 154° 13.949

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2Acoustics Enabled @: 0247

UTC

Release acknowledge: 0400Liftoff from seafloor @: 0404

UTC

ETA to surface @: 0742

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15316 07 41Tag: .9932844

Are the seconds?

Lagging

or

in sync

Closing block number: 2149201

Binary file name: _____

CompassHeading: 46.1Pitch: -1.9Roll: -6.3**Notes**compass was tilted, roll reading may be off.

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____ Site ID: 230

MT MKIII Instrument Number: 118 Instrument Name: Kikakapu
Checkout by: EA Verified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.87 +7VA = 10.85 +5VA = 4.99 -5VA = -4.97

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 @: 05 28 19 148 00 46 05 Tag: 0.000 2363

Parameters descrip: 230 Sample rate: 125 Hz # Ch: 6

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

Wake up date/time: 05 28 19 148 04 00 00 UTC Local: 20:00

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

Pre-deployment

Coils: B1 / North/South: MC0231 B2 / East/West: MC0032

Horizontal electrodes White: 123 Green: 0492 Black: 1066 Red: 1136

Compass S/N: Kikakapu Compass ON: 19:28 Compass flash: ☒

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

Acoustics

S/N: 33012 Receive Frequency: 11 Option 1: 312453

Disable: 312436 Enable: 312415 Release 1: 331104 Release 2: 331127

On-anchor chk: Primary V: 17.0 Off: ☒ Secondary V: 17.4 Off: ☒

Deployment

Date: 05/28/19 Time: 03:54 Depth: 5005 m

Latitude: 55°12.107 Longitude: 154°11.782

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

Recovery

Date: 6/2 Acoustics Enabled @: 01:58 UTC

Release acknowledge: 02:38 Liftoff from seafloor @: 06:48 02:41 UTC

ETA to surface @: 0652 UTC Time Sighted: _____

UTC Shift D @: 06 02 19 153 15 27 28 Tag: .0214407

Are the seconds? Lagging or in sync

Closing block number: 2138299 Binary file name: _____

Compass

Heading: 225.7 Pitch: -0.4 Roll: -3.5

Notes

Ch. 1: 2.70 kΩ

Ch. 2: 2.70 kΩ

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 229**MT MKIII**Instrument Number: 135Instrument Name: HawkfishCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.87+7VA = 10.89+5VA = 5-5VA = -5**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 @:

05 28 19 14800 25 10Tag: 0.0002484Parameters descrip: 229Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14802 00 00

UTC

Local: 18:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0096B2 / East/West: MC0033

Horizontal electrodes

White: 0785Green: 0444Black: 0489Red: 0523Compass S/N: HawkfishCompass ON: 18:59Compass flash: ☒Strayline S/N: HFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32245Receive Frequency: 11.0Option 1: 612142Disable: 612127Enable: 612104Release 1: 630044Release 2: 630067

On-anchor chk:

Primary V: 17.6Off: ☒Secondary V: 17.8Off: ☒**Deployment**Date: 05/28/19Time: 03:26Depth: 5141 mLatitude: 55°10.34Longitude: 154°09.617

Arrival time on seafloor: _____

Acoustics disabled @: on decB**Recovery**Date: 6/2Acoustics Enabled @: 01:20

UTC

Release acknowledge: 01:49Liftoff from seafloor @: 01:53

UTC

ETA to surface @: 06:10

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15314 59 39Tag: .0039480

Are the seconds?

Lagging

or

in sync

Closing block number: 2163283

Binary file name: _____

CompassHeading: 20.0Pitch: -2.3Roll: -5.4**Notes**

Ch.1: 2.71 kΩ

Ch.2: 2.62 kΩ

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____

Site ID: 228

MT MKIII

Instrument Number: 103

Instrument Name: Goldfish

Checkout by: EA

Verified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.87

+7VA = 10.89

+5VA = 5

-5VA = -4.97

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 @:

05 27 19 147

23 54 56

Tag: 0.000 2456

Parameters descrip: 228

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

05 28 19 147

02 00 00

UTC

Local: 18:00

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:

1054

Green:

1047

Black:

1105

Red:

1082

Compass S/N:

Goldfish

Compass ON:

18:29

Compass flash:

☒

Strayline S/N:

GFSH

Strayline test:

☒

Deck check performed:

☒

Acoustics

S/N:

32345

Receive Frequency:

11.0

Option 1:

621726

Disable:

621705

Enable:

621674

Release 1:

635177

Release 2:

635215

On-anchor chk:

Primary V:

17.6

Off:

☒

Secondary V:

17.4

Off:

☒

Deployment

Date:

05/28/19

Time:

02:55

Depth:

50.99 m

Latitude:

55° 8.580

Longitude:

154° 7.458

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date:

6/1

Acoustics Enabled @:

00:40

UTC

Release acknowledge:

01:14

Liftoff from seafloor @:

01:15

UTC

ETA to surface @:

5:33

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 153

14 28 14

Tag:

10055171

Are the seconds?

Lagging

or

in sync

Closing block number:

2154769

Binary file name: _____

Compass

Heading:

62.0

Pitch:

-6.5

Roll:

8.2

Notes

Ch.1: 2.67kR

Ch.2: 2.72kR

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 227**MT MKIII**Instrument Number: 115Instrument Name: F/ounderCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.88+7VA = 10.9+5VA = 4.99-5VA = -4.97**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 @:

05 27 19 14723 31 24Tag: 0.000 2477Parameters descrip: 227Sample rate: 125 Hz# Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14802 00 00

UTC

Local: _____

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

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

Horizontal electrodes

White: 0863Green: 122Black: 0862Red: 0711Compass S/N: FLOUNDERCompass ON: 18:00Compass flash: ☒Strayline S/N: FLDRStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33018Receive Frequency: 11.0Option 1: 313135Disable: 313116Enable: 313067Release 1: 331415Release 2: 331436

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.6Off: ☒**Deployment**Date: 05/28/19Time: 02:26Depth: 5519 mLatitude: 55° 6.820Longitude: 154° 5.278

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/2Acoustics Enabled @: 00:00 UTCRelease acknowledge: 00:37?Liftoff from seafloor @: 5:02 UTCETA to surface @: 0502 UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15313 56 19Tag: 0329318

Are the seconds?

Lagging

or

in sync

Closing block number: 2146117

Binary file name: _____

CompassHeading: 314.3Pitch: 1.4Roll: 3.2**Notes**4435

Ch.1: 2.61kR

Ch.2: 2.58kR

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____

Site ID: 226

MT MKIII

Instrument Number: 116

Instrument Name: Goby

Checkout by: EA

Verified by: KK

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.86

+7VA = 10.88

+5VA = 4.98

-5VA = -4.98

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 @:

05 27 19 147

23 10 15

Tag: 0.000 2412

Parameters descrip:

226

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

05 28 19 148

01 00 00

UTC Local: 17:00

Clock Drift Check: ✓

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC 0079

B2 / East/West: MC 0052

Horizontal electrodes

White:

0756

Green:

0427

Black:

0602

Red:

0466

Compass S/N:

G0BY

Compass ON:

17:42

Compass flash: ✓

Strayline S/N:

G0BY

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N:

33001

Receive Frequency: 11

Option 1:

311400

Disable:

311367

Enable:

311344

Release 1:

330343

Release 2:

330360

On-anchor chk:

Primary V:

17.8

Off: ✓

Secondary V:

18.0

Off: ✓

Deployment

Date:

05/28/19

Time:

01:56

Depth:

5410 m

Latitude:

55° 5.069

Longitude:

154° 2.127

Arrival time on seafloor: _____

Acoustics disabled @:

on deck

Recovery

Date:

6/1/2019

Acoustics Enabled @:

17:30

2 UTC

Release acknowledge:

18:00

2

Liftoff from seafloor @:

18:04

2 UTC

ETA to surface @:

22:34

2 UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 153

08 09 28

Tag:

0.9835474

Are the seconds?

Lagging

or

in sync

Closing block number:

2068363

Binary file name:

226-Goby.bin

Compass

Heading:

177.9

Pitch:

-2.4

Roll:

4.1

Notes

CH1 = 2.6 kHz

CH2 = 2.72 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____

Site ID: 225

MT MKIII

Instrument Number: 128

Instrument Name: Bocaccio

Checkout by: EA

Verified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.86

+7VA = 10.88

+5VA = 5

-5VA = -4.99

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 @:

05 27 19 147

22 48 41

Tag: 0.0002398

Parameters descrip: 225

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

05 28 19 148

01 00 00

UTC Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0069

B2 / East/West: MC0267

Horizontal electrodes

White: 1112

Green: 1113

Black: 1115

Red: 1116

Compass S/N: BOCACCI0

Compass ON: 16:39

Compass flash: ✓

Strayline S/N: BOCA

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32342

Receive Frequency: 11

Option 1: 621516

Disable: 621467

Enable: 621444

Release 1: 635025

Release 2: 635040

On-anchor chk:

Primary V: 17.8

Off: ✓

Secondary V: 18.0

Off: ✓

Deployment

Date: 05/28/19

Time: 01:03

Depth: 9975 m

Latitude: 55° 2.298

Longitude: 154° 0.972

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date: 6/1/19

Acoustics Enabled @: 16:55

UTC 2

Release acknowledge: 17:21

Liftoff from seafloor @: 17:25

UTC 2

ETA to surface @: 20:00

UTC 2

Time Sighted: _____

UTC Shift D @:

06 02 19 153

07 06 03

Tag: .0033650

Are the seconds?

Lagging

or

in sync

Closing block number: 2051167

Binary file name: 225-Bocaccio.bin

Compass

Heading: 50.1

Pitch: 1.9

Roll: -2.4

Notes

Disabled on lift-off

CH1 = 2.5 kHz

CH2 = 2.73 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____Site ID: 224**MT MKIII**Instrument Number: 104Instrument Name: BlackfinCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.87+7VA = 10.89+5VA = 4.99-5VA = -4.98**Startup**

Begin text capture (file name): _____

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

GB

Channel configuration

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

Synch with GPS @:

05 27 19 14722 20 46Tag: 0.0002346

Parameters descrip:

224Sample rate: 125 Hz# Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 28 19 14801 00 00 UTCLocal: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0089B2 / East/West: MC0071

Horizontal electrodes

White:

1032

Green:

1030

Black:

1181

Red:

1178

Compass S/N:

BLACKFINCompass ON: 1613Compass flash: ☒

Strayline S/N:

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

S/N:

30927Receive Frequency: 11

Option 1:

403122

Disable:

400460

Enable:

400443

Release 1:

423137

Release 2:

423152

On-anchor chk:

Primary V: 17.8Off: ☒Secondary V: 17.8Off: ☒**Deployment**

Date:

05/28/19

Time:

00135

Depth:

5302 m

Latitude:

55° 1.537

Longitude:

153° 58.818

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date:

6/1

Acoustics Enabled @:

16:44

UTC

Release acknowledge:

16:35

Liftoff from seafloor @:

16:40

UTC

ETA to surface @:

21:00

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15305 45 14

Tag:

0.9329632

Are the seconds?

Lagging

or

in sync

Closing block number:

2029261

Binary file name:

224-Blackfin.bin**Compass**

Heading:

165.7

Pitch:

-2.7

Roll:

4.4**Notes**10:27CH1 = 2.60 kHzCH2 = 2.66 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____Site ID: 223**MT MKIII**Instrument Number: 140Instrument Name: WolffishCheckout by: EAVerified by: JC**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.85+7VA = 10.87+5VA = 4.99-5VA = -4.99**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 @:

05 27 19 14721 56 28Tag: 0.000 2217Parameters descrip: 223Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14723 00 00

UTC

Local: _____

Clock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0100B2 / East/West: MC0107

Horizontal electrodes

White: 0855Green: 0698Black: SE060Red: SE096Compass S/N: WOLFFISHCompass ON: 15422Compass flash: ☒Strayline S/N: WFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32251Receive Frequency: 11Option 1: 612606Disable: 612564Enable: 612547Release 1: 630343Release 2: 630360

On-anchor chk:

Primary V: 18.0Off: ☒Secondary V: 18.2Off: ☒**Deployment**Date: 05/28/19Time: 00:08Depth: 5026 mLatitude: 54° 59.771Longitude: 153° 56.672

Arrival time on seafloor: _____

Acoustics disabled @: On deck**Recovery**Date: 6/1/19Acoustics Enabled @: 19:39UTC 2Release acknowledge: 15:042Liftoff from seafloor @: 15:082UTC 4:10 PMETA to surface @: 19:182

UTC

Time Sighted: _____

UTC Shift D @:

06 02 19 15304 48 14Tag: 0.9757221

Are the seconds?

Lagging

or

in sync

Closing block number: 2046337Binary file name: Wolffish**Compass**Heading: 41.7Pitch: 1.0Roll: -1.7**Notes**CH1 = 2.65 kHzCH2 = 2.62 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____Site ID: 222**MT MKIII**Instrument Number: 138Instrument Name: SwordfishCheckout by: EAVerified by: SC**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.88+7VA = 10.91+5VA = 4.99-5VA = -5**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 @:

05 27 19 14721 32 06Tag: 0.0002481Parameters descrip: 222Sample rate: 125 Hz # Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

05 27 19 14723 00 00

UTC

Local: _____

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0122B2 / East/West: MC0073

Horizontal electrodes

White: 0656Green: 0809Black: 0550Red: 0770Compass S/N: SwordfishCompass ON: 15:14Compass flash: ✓Strayline S/N: SFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 30945Receive Frequency: 11Option 1: 403603Disable: 40/566Enable: 40/545Release 1: 424233Release 2: 424256

On-anchor chk:

Primary V: 17.6Off: ✓Secondary V: 18.0Off: ✓**Deployment**Date: 05/27/19Time: 23:38Depth: 4153 mLatitude: 54° 58.005Longitude: 153° 54.523

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/1/19Acoustics Enabled @: 09:15

UTC

Release acknowledge: 14:28Liftoff from seafloor @: 14:33

UTC

ETA to surface @: 18:00

UTC

Time Sighted: _____

UTC Shift D @: 06 02 19 15303 43 21Tag: 0.0041407

Are the seconds?

Lagging

or

in sync

Closing block number: 2028751Binary file name: 222-Swordfish.bin**Compass**Heading: 172.4Pitch: 11Roll: -2.2**Notes**

CH1 = 2.7m

CH2 = 2.59m

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 221

MT MKIII

Instrument Number: 121Instrument Name: OPAHCheckout by: EAVerified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.88+7VA = 10.9+5VA = 5-5VA = -4.99

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 @:

05 27 19 14721 10 58Tag: 0.000 2379

Parameters descrip:

221Sample rate: 125

Hz

Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14723 00 00

UTC

Local: _____

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0281B2 / East/West: MC0034

Horizontal electrodes

White:

075

Green:

EL107

Black:

033

Red:

394

Compass S/N:

OPAH

Compass ON:

14:42Compass flash: ☒

Strayline S/N:

OPAHStrayline test: ☒Deck check performed: ☒

Acoustics

S/N:

32277Receive Frequency: 11

Option 1:

615162

Disable:

615141

Enable:

615124

Release 1:

632060

Release 2:

632111

On-anchor chk:

Primary V:

18.0Off: ☒

Secondary V:

18.2Off: ☒

Deployment

Date:

05/27/19

Time:

23:10

Depth:

4180 m

Latitude:

54°56.255

Longitude:

153°52.391

Arrival time on seafloor: _____

Acoustics disabled @:

on deck

Recovery

Date:

6/1/2019

Acoustics Enabled @:

09:35

UTC

Release acknowledge:

08:59

Liftoff from seafloor @:

09:03

UTC

ETA to surface @:

12:32

UTC

Time Sighted: _____

UTC Shift D @:

06 01 19 15221 42 52

Tag:

0.9742375

Are the seconds?

Lagging

or

in sync

Closing block number:

1931029

Binary file name:

221-OPAH.bin

Compass

Heading:

329.9

Pitch:

7.7

Roll:

34.8

Notes

* EW mag - connector lose ~~(mag)~~
but fine data

CH1 = 2.66 kHzCH2 = 2.62 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 220

MT MKIII

Instrument Number: 125

Instrument Name: steelhead

Checkout by: EA

Verified by: SC

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.87

+7VA = 10.88

+5VA = 5

-5VA = -5

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 @:

05 27 19 147

20 45 52

Tag: 0.000 23/19

Parameters descrip: 220

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time: 05 27 19 147

23 00 00

UTC

Local: _____

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0212

B2 / East/West: MC0284

Horizontal electrodes

White: 346

Green: 349

Black: 0482

Red: 0480

Compass S/N: Steelhead

Compass ON: 14:15

Compass flash: ☒

Strayline S/N: STHD

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 31548

Receive Frequency: 11

Option 1: 503475

Disable: 503456

Enable: 503433

Release 1: 525074

Release 2: 525105

On-anchor chk:

Primary V: 17.8

Off: ☒

Secondary V: 18.0

Off: ☒

Deployment

Date: 05/27/19

Time: 22:27

Depth: 4562 m

Latitude: 54° 54.473

Longitude: 153° 50.240

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date: 6/1/19

Acoustics Enabled @: left Enabel

UTC

Release acknowledge: 06:16

Liftoff from seafloor @: _____

UTC

ETA to surface @: 24:47

UTC

Time Sighted: _____

UTC Shift D @: 06 23 19 174

09 07 00

Tag: 7594220

Are the seconds?

Lagging

or

in sync

Closing block number: 4001760

Binary file name: _____

Compass

Heading: 164.3

Pitch: 0.8

Roll: -2.2

Notes

no responses to enable or burn commands. Sent blind releases
replace acoustics if recovered!

↳ no NAV on this one - Sorry Kerry!
@ about 10:00 saw this on Bentos but fairly ranges from North.

see other side

52
3:48
4:18
12:10

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 219**MT MKIII**Instrument Number: 141Instrument Name: BonitoCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.85+7VA = 10.87+5VA = 5-5VA = -4.97**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 @:

052719147202304

Tag:

0.0002346

Parameters descrip:

219Sample rate: 125

Hz

Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

052719147220000

UTC

Local:

12:25

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

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

Horizontal electrodes

White:

WG8641

Green:

WG8648

Black:

WG390

Red:

WG116

Compass S/N:

BONITOCompass ON: 13:42Compass flash: ☒

Strayline S/N:

BNT0Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32292Receive Frequency: 11.0Option 1: 616476Disable: 616466Enable: 616445Release 1: 633051Release 2: 633072

On-anchor chk:

Primary V: 17.6Off: ☒Secondary V: 17.6Off: ☒**Deployment**Date: 05/27/19Time: 22:11Depth: 4464

m

Latitude: 54°52.708Longitude: 153°48.105

Arrival time on seafloor: _____

Acoustics disabled @: _____

RecoveryDate: 6/1Acoustics Enabled @: 07:08

UTC

Release acknowledge: 07:37Liftoff from seafloor @: 07:41

UTC

ETA to surface @: 11:24

UTC

Time Sighted: _____

UTC Shift D @:

060119152195218

Tag:

0.0097490

Are the seconds?

Lagging

or

in sync

Closing block number: 1917319Binary file name: 219-Bonito.bin**Compass**Heading: 55.4Pitch: 0.1Roll: 3.5**Notes**

CH1 = 2.71 kHz

CH2 = 2.68 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 218**MT MKIII**Instrument Number: 101Instrument Name: GaribaldiCheckout by: EAVerified by: KK**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.88+7VA = 10.91+5VA = 5-5VA = -5**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 @:

05 27 19 14719 57 46Tag: 0.000 2418Parameters descrip: 218Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14722 00 00

UTC

Local: 1400hClock Drift Check: ☒

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0026B2 / East/West: MC0078

Horizontal electrodes

White: 6035 672Green: SE-120Black: no numberRed: no numberCompass S/N: GaribaldiCompass ON: 13:20Compass flash: ☒Strayline S/N: GBDI

Strayline test: _____

Deck check performed: _____

AcousticsS/N: 31443Receive Frequency: 11.0Option 1: 476211Disable: 476173Enable: 476150Release 1: 452404Release 2: 452427

On-anchor chk:

Primary V: 17.6Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 05/27/19Time: 21:43Depth: 4308 mLatitude: 54° 50.936Longitude: 153° 45.967

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/1/19Acoustics Enabled @: 03:05

UTC

Release acknowledge: 06:56Liftoff from seafloor @: 07:00

UTC

ETA to surface @: 10:35

UTC

Time Sighted: 10:29

UTC Shift D @:

06 01 19 15219 05 29Tag: .9751798

Are the seconds?

Lagging

or

in sync

Closing block number: 1904629Binary file name: 218_Garibaldi.bin**Compass**Heading: 336.6Pitch: -0.4Roll: 2.6**Notes**Ch. 1: 2.67kΩCh. 2: 2.71kΩ

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____

Site ID: 217

MT MKIII

Instrument Number: 146

Instrument Name: MOON EYE

Checkout by: SN

Verified by: EA

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.81

+7VA = 10.85

+5VA = 5

-5VA = -4.97

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 @:

05 27 19 147

19 35 18

Tag: 0.000 2585

Parameters descrip:

217

Sample rate: 125

Hz

Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

05 27 19 147

21 00 00

UTC

Local:

1300h

Clock Drift Check: ☒

Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC 0016

B2 / East/West: MC 0018

Horizontal electrodes

White:

W6-1050

Green:

W6-1051

Black:

W6-1152

Red:

W6-1051

Compass S/N:

MOON EYE

Compass ON: 12:59.2

Compass flash: ☒

Strayline S/N:

146 MOON EYE

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32240

Receive Frequency: 11.0

Option 1: 611571

Disable: 611552

Enable: 611532

Release 1: 627600

Release 2: 627623

On-anchor chk:

Primary V: 18.0

Off: ☒

Secondary V: 18.0

Off: ☒

Deployment

Date: 05/27/19

Time: 21:16

Depth: 4320 m

4363

Latitude: 54° 49.173

Longitude: 153° 43.828

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/1 02:30

Acoustics Enabled @: 10:30 02:30 ^{local} UTC

Release acknowledge: 02:52.2

Liftoff from seafloor @: 0256 UTC

ETA to surface @: 6:34.2

UTC

Time Sighted: _____

UTC Shift D @:

06 01 19 152

16 58 04

Tag: 0.9999761

Are the seconds?

Lagging

or

in sync

or perfect

Closing block number: 1886353

Binary file name: 217-Mooneye.bin

Compass

Heading: 324.5

Pitch: 1.1

Roll: 3.7

Notes

Ch.1: 2.69 LSR

Ch.2: 2.64 LSR

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 216

MT MKIII

Instrument Number: 133

Instrument Name: Cattfish

Checkout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.86

+7VA = 10.88

+5VA = 4.99

-5VA = -5.0

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 @:

05 27 19 147

19 09 04

Tag: 0.000 2356

Parameters descrip: 216

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time: 05 27 19 147

21 00 00 UTC

Local: 1300h

Clock Drift Check: ☒

BEGIN (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0244

B2 / East/West: MC 0167

Horizontal electrodes

White: 0743

Green: 0439

Black: 0448

Red: 0509

Compass S/N: CATFISH

Compass ON: 12:30 L

Compass flash: ☒

Strayline S/N: CFSH

Strayline test: ☒

Deck check performed: _____

Acoustics

S/N: 32282

Receive Frequency: 11.0

Option 1: 615544

Disable: 615521

Enable: 615502

Release 1: 632321

Release 2: 632344

On-anchor chk:

Primary V: 17.4

Off: ☒

Secondary V: 17.4

Off: ☒

Deployment

Date: 05/27/19

Time: 20:48

Depth: 4297 m

Latitude: 54° 47.409

Longitude: 153° 41.731

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/1

Acoustics Enabled @: 0131 UTC

Release acknowledge: 0215

Liftoff from seafloor @: 0222 UTC

ETA to surface @: 0522 05:52 UTC

Time Sighted: 05:44

UTC Shift D @: 06 01 19 152

14 13 41

Tag: .9614693

Are the seconds?

Lagging or in sync

Closing block number: 1841791

Binary file name: 216-Catfish.bin

Compass

Heading: 309.2

Pitch: -0.6

Roll: 2.3

Notes

Ch. 1: 2.67 kJ

Ch. 2: 2.70 kJ

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 215**MT MKIII**Instrument Number: 134Instrument Name: DogfishCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.82+7VA = 10.84+5VA = 4.98-5VA = -5.00**Startup**Begin text capture (file name): 214All 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 @:

05 27 19 14718 37 11Tag: 0.000 2912Parameters descrip: 215Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14721 00 00

UTC

Local: 1300hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC 0093B2 / East/West: MC 0265

Horizontal electrodes

White: 1180Green: 1049Black: 1084Red: 1060Compass S/N: DogfishCompass ON: 11:42Compass flash: ☒ResetStrayline S/N: DFSHStrayline test: ☒

Deck check performed: _____

AcousticsS/N: 32276Receive Frequency: 11.0Option 1: 615107Disable: 615076Enable: 615055Release 1: 632026Release 2: 632043

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 05/27/19Time: 20:11Depth: 4379 mLatitude: 54° 45.634Longitude: 153° 39.585

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/1Acoustics Enabled @: 61:19

UTC

Release acknowledge: 01:39Liftoff from seafloor @: 01:43

UTC

ETA to surface @: 05:21

UTC

Time Sighted: 05:06(??)

UTC Shift D @:

06 01 19 15213 39 02Tag: .9918347

Are the seconds?

Lagging

or

in sync

Closing block number: 183 2395Binary file name: 215-Dogfish.bin**Compass**Heading: 55.1Pitch: 0.7Roll: 3.7**Notes**

Ch.1: 2.66k JS

Ch.2: 2.70k JS

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 214**MT MKIII**Instrument Number: 117Instrument Name: HOKICheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.88+7VA = 10.90+5VA = 4.99-5VA = -4.99**Startup**Begin text capture (file name): 214All 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 @:

05 27 19 14718 01 41Tag: 0.000 2402Parameters descrip: 214Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14720 00 00

UTC

Local:

1200hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG0684Green: WG0633Black: SE455Red: WG0750Compass S/N: HOKICompass ON: 11:14 LCompass flash: ☒ReservStrayline S/N: HOKIStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32336Receive Frequency: 11.0Option 1: 621041Disable: 621024Enable: 621007Release 1: 634457Release 2: 634457634477

On-anchor chk:

Primary V: 16.4Off: ☒Secondary V: 16.2Off: 1-**Deployment**Date: 5/27/19Time: 1939 utcDepth: 4299

m

Latitude: 54° 43.860Longitude: 153° 37.484

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/1Acoustics Enabled @: 00:17

UTC

Release acknowledge: 01:02Liftoff from seafloor @: 01:07

UTC

ETA to surface @: 04:12

UTC

Time Sighted: 04:28 (??)

UTC Shift D @:

06 01 19 15213 01 15Tag: 0.957831

Are the seconds?

Lagging

or

in sync

Closing block number: 1838419Binary file name: 214_Hoki.bin**Compass**Heading: 283.4Pitch: -2.0Roll: 2.5**Notes**Ch. 1: 2.72 kLCh. 2: 2.75 kL

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 213**MT MKIII**Instrument Number: 129Instrument Name: CroackerCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.86+7VA = 10.88+5VA = 4.99-5VA = -4.96**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 @:

05 27 19 14717 22 33Tag: 0.000 2380Parameters descrip: 213Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14720 00 00

UTC

Local: 1200hClock 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-0929Green: WG-0927Black: WG-0987Red: WG-0781Compass S/N: CroackerCompass ON: 10.000Compass flash: ☒ResetStrayline S/N: CROAStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32285Receive Frequency: 11.0Option 1: 615774Disable: 615757Enable: 615732Release 1: 632514Release 2: 632537

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 17.0Off: ☒**Deployment**Date: 5/27/19Time: 1911utcDepth: 4103

m

Latitude: 54°42.086Longitude: 153°35.348

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 5/31/19Acoustics Enabled @: 19:41

UTC

Release acknowledge: 19:58Liftoff from seafloor @: 20:07

UTC

ETA to surface @: 23:27

UTC

Time Sighted: _____

UTC Shift D @:

06 01 19 15208 46 25Tag: 0.9831913

Are the seconds?

Lagging

or

in sync

Closing block number: 1769335Binary file name: 2/2 Croaker.bin**Compass**Heading: 188Pitch: -0.7Roll: 1.7**Notes**

Ch1: 2.65 kΩ

Ch2: 2.70 kΩ

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 212**MT MKIII**Instrument Number: 114Instrument Name: DoradoCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.81+7VA = 10.84+5VA = 4.99-5VA = -4.97**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 @:

05 27 19 14716 51 00Tag: 0.000 2417Parameters descrip: 212Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14720 00 00

UTC

Local: 1200hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0276B2 / East/West: MC0289

Horizontal electrodes

White: WG1170Green: WG1171Black: WG1095Red: WG1099Compass S/N: DoradoCompass ON: 10:23 LCompass flash: ☒Reset ☒Strayline S/N: DR00Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33020Receive Frequency: 11.0Option 1: 313274Disable: 313257Enable: 313232Release 1: 331501Release 2: 331522

On-anchor chk:

Primary V: 16.6Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 5/27/19Time: 1841 UTCDepth: 4456 mLatitude: 54° 40.321Longitude: 153° 33.224

Arrival time on seafloor: _____

Acoustics disabled @:

on deck**Recovery**Date: 5/31/19

Acoustics Enabled @:

1 UTCRelease acknowledge: 19:17L

Liftoff from seafloor @:

19:22L UTC

ETA to surface @:

23:05L

UTC

Time Sighted: _____

UTC Shift D @:

06 01 19 15207 42 09Tag: 0.9414512

Are the seconds?

Lagging

or

in sync

Closing block number: 1751917Binary file name: 212 Dorado.bin**Compass**Heading: 255.3Pitch: 1.2Roll: 2.8**Notes**CH1 = 2.67 kHzCH2 = 2.63 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 211**MT MKIII**Instrument Number: 110Instrument Name: GreenlingCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.87+7VA = 10.90+5VA = 5.0-5VA = -5.01**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 @:

05 27 19 14716 17 13Tag: 0.000 2362Parameters descrip: 211Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14719 00 00

UTC

Local: 1100hClock 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: 09:31 LCompass flash: ☒Reset ☒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: 5/27/19Time: 1756Depth: 4378 mLatitude: 54° 38.544Longitude: 153° 31.140

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 5/31Acoustics Enabled @: 02:07

UTC

Release acknowledge: 18:19 LLiftoff from seafloor @: 18:22

UTC

ETA to surface @: _____

UTC

Time Sighted: _____

UTC Shift D @:

06 01 19 15206 34 14Tag: 0.9666683

Are the seconds?

Lagging

or

in sync

Closing block number: 1749769Binary file name: 210-Greenling.bin**Compass**Heading: 246.7Pitch: 2.3Roll: 1.7**Notes**

CH1 = 2.63 kHz

CH2 = 2.74 kHz

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8 Survey ID: _____ Site ID: 210

MT MKIII Instrument Number: 139 Instrument Name: Tigerfish
Checkout by: SIN Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.82 +7VA = 10.85 +5VA = 5.01 -5VA = -4.97

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 @: 05 27 19 147 15 17 11 Tag: 0.000 2371

Parameters descrip: 210 Sample rate: 125 Hz # Ch: 6

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

Wake up date/time: 05 27 19 147 19 00 00 UTC Local: 1100h

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

Pre-deployment

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

Horizontal electrodes White: WG-0940 Green: WG-0969 Black: WG-0925 Red: WG-0605

Compass S/N: Tigerfish Compass ON: 09:04 Compass flash: ☒ Reset ☒

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

Acoustics

S/N: 33025 Receive Frequency: 11.0 Option 1: 313652

Disable: 313637 Enable: 313614 Release 1: 331777 Release 2: 332005

On-anchor chk: Primary V: 17.4 Off: ☒ Secondary V: 17.2 Off: ☒

Deployment

Date: 5/27/19 Time: 1729 utc Depth: 4349 m

Latitude: 54° 36.786 Longitude: 153° 29.034

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

Recovery

Date: 5/31 Acoustics Enabled @: 17:00 UTC

Release acknowledge: 17:39? Liftoff from seafloor @: 17:42 UTC

ETA to surface @: _____ UTC Time Sighted: 20:19

UTC Shift D @: 06 01 19 152 05 39 32 Tag: 0.9954268

Are the seconds? Lagging or in sync

Closing block number: 1734943 Binary file name: 210-Tigerfish.bin

Compass Heading: 116.5 Pitch: 0.7 Roll: 1.9

Notes

CH1 = 2.77k

CH2 = 2.67k

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 209

MT MKIII

Instrument Number: 105

Instrument Name: Yellowtail

Checkout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.85

+7VA = 10.87

+5VA = 4.97

-5VA = -4.98

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 @:

05 27 19 147

14 24 13

Tag: 0.000 2411

Parameters descrip: 209

Sample rate: 125

Hz

Ch: 6

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 05 27 19 147

18 00 00

UTC

Local: 1000h

Clock Drift Check: ✓

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: 0043

B2 / East/West: 0057

Horizontal electrodes

White: WG-1052

Green: WG-1055

Black: WG-1053

Red: WG-1057

Compass S/N: Yellowtail

Compass ON: 8:36 L

Compass flash: ✓

Reset

Strayline S/N: YTAZ

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: 635483

On-anchor chk:

Primary V: 17.8

Off: ✓

Secondary V: 18.0

Off: ✓

Deployment

Date: 5/27

Time: 1701 utc

Depth: 4316

m

Latitude: 54° 35.02

Longitude: 153° 26.922

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 5/31/19

Acoustics Enabled @: 12:30

UTC

Release acknowledge: 13:01:15

Liftoff from seafloor @: 13:05

UTC

ETA to surface @: 16:41

UTC

Time Sighted: _____

UTC Shift D @: 06 01 19 152

01 01 45

Tag: 0.0016209

Are the seconds?

Lagging

or

in sync

Closing block number: 1675903

Binary file name: 209-Yellowtail.bin

Compass

Heading: 10.5

Pitch: 0.6

Roll: 1.2

Notes

CH1 = 2.64ka

CH2 = 2.64ka

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 208**MT MKIII**Instrument Number: 122Instrument Name: PufferCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.82+7VA = 10.85+5VA = 5.0-5VA = -4.97**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 @:

05 27 19 14713 41 17Tag: 0.000 2380Parameters descrip: 208Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14718 00 00

UTC

Local:

1000hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0298B2 / East/West: MC0022

Horizontal electrodes

White: WG-1076Green: WG-1080Black: WG150Red: WG-006Compass S/N: PUFFERCompass ON: 08:04Compass flash: ☒Strayline S/N: PUFFERStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32269Receive Frequency: 11.0Option 1: 614363Disable: 614340Enable: 614325Release 1: 631453Release 2: 631470

On-anchor chk:

Primary V: 16.4Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 5/27/19Time: 1631Depth: 4285Latitude: 54° 33.232Longitude: 153° 24.804

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 5/31/19Acoustics Enabled @: ??

UTC

Release acknowledge: 11:53?Liftoff from seafloor @: 11:57

UTC

ETA to surface @: 15:31

UTC

Time Sighted: _____

UTC Shift D @: 05 31 19 15123 50 45Tag: 0.9983470

Are the seconds?

Lagging

or

in sync

Closing block number: 1656655Binary file name: 208_Puffer.bin**Compass**Heading: 252.5Pitch: 0.5Roll: -1.2**Notes**

* Jasmine says she hasn't been hitting reset button on compasses after turning on
So might have old data at start? (201-208)

* Very difficult to send disable on seafloor!!
no evidence that it enabled but did not send response piz 5
make weak contact as well →

CH1 = 2.67h
CH2 = 2.66h

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 207

MT MKIII

Instrument Number: 119Instrument Name: MOICheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.83+7VA = 10.86+5VA = 4.99-5VA = -4.96

Startup

Begin text capture (file name): _____

All connectors and cables seated: _____

Flash Card Label / Size: _____

GB

Channel configuration

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

Synch with GPS @:

05 27 19 147 12 47 19Tag: 0.000 2354Parameters descrip: 207Sample rate: 125 Hz # Ch: 6Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

05 27 19 147 17 00 00

UTC

Local: 0900hClock 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-016Red: WG-084Compass S/N: MOICompass ON: 07:07Compass flash: ✓Strayline S/N: MOIStrayline test: ✓Deck check performed: ✓

Acoustics

S/N: 32286Receive Frequency: 11.0Option 1: 616040Disable: 616025Enable: 616006Release 1: 632552Release 2: 632571

On-anchor chk:

Primary V: 17.6Off: ✓Secondary V: 17.1Off: ✓

Deployment

Date: 5/27/19Time: 1602

UTC

Depth: 4264

m

Latitude: 54°31.463Longitude: 153°22.698

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 5/31/19Release acknowledge: 0558? 0956Acoustics Enabled @: 0920

UTC

Liftoff from seafloor @: 09:59

UTC

ETA to surface @: 13:32

UTC

Time Sighted: _____

UTC Shift D @:

05 31 19 15122 01 56Tag: 0.9811310

Are the seconds?

Lagging

or

in sync

Closing block number: 1643425Binary file name: 207-MOI-bin

Compass

Heading: 143.7Pitch: 1.1Roll: 2.8

Notes

many attempts for ORE codes on seafloorN.B. acoustic tube is looseCH 1 = 2.56CH 2 = 2.72

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 206

MT MKIII

Instrument Number: 124Instrument Name: RemoraCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.86+7VA = 10.88+5VA = 5.0-5VA = 5.01

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 @:

05 27 19 14712 12 46Tag: 0.000 2948Parameters descrip: 206Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14715 00 00

UTC

Local: 0700hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC0269B2 / East/West: MC0257

Horizontal electrodes

White: WL-089Green: WL-360Black: WL-397Red: WL-065Compass S/N: RemoraCompass ON: 06:18Compass flash: ☒Strayline S/N: RMRAStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32343Receive Frequency: 1160Option 1: 621573Disable: 621550Enable: 621535Release 1: 635083Release 2: 635112

On-anchor chk:

Primary V: 17.8Off: ☒Secondary V: 17.6Off: ☒

Deployment

Date: 5/27/19Time: 1504Depth: 4001Latitude: 54°26.140Longitude: 153°16.407

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 5/31/19Acoustics Enabled @: 03:10

UTC

Release acknowledge: 03:19Liftoff from seafloor @: 03:53

UTC

ETA to surface @: 07:13

UTC

Time Sighted: 07:10

UTC Shift D @:

0 0 0 00 0 0 0

Tag: _____

Are the seconds?

Lagging

or

in sync

Closing block number: NA-OBEMNA-got hitBinary file name: 206-Remora.bin

Compass

Heading: NAPitch: NARoll: NA

Notes

tried rel / code several times.* compass lost to ocean!

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 205**MT MKIII**Instrument Number: 127Instrument Name: WarmouthCheckout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline+7VD = 10.84+7VA = 10.85+5VA = 4.98-5VA = 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 @:

05 27 19 14711 38 43Tag: 0.000 2420Parameters descrip: 205

Sample rate: 125 Hz # Ch: 6

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

Wake up date/time:

05 27 19 14715 00 00

UTC

Local: 0700hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC 0141B2 / East/West: MC 0255

Horizontal electrodes

White: WG 0549Green: WG 0454Black: WG 0470Red: WG-0840Compass S/N: WarmouthCompass ON: 5:33 LCompass flash: ☒Strayline S/N: WMTITStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32259Receive Frequency: 11.0Option 1: 613424Disable: 613407Enable: 613360Release 1: 630746Release 2: 630765

On-anchor chk:

Primary V: 16.6Off: ☒Secondary V: 17.0Off: ☒**Deployment**Date: 5/27/19Time: 14:14Depth: 4161 mLatitude: 54° 20.812Longitude: 153° 10.154

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 5/31/19Acoustics Enabled @: 02:14 L

UTC

Release acknowledge: 02:24 LLiftoff from seafloor @: 02:28 L

UTC

ETA to surface @: 09:56 L

UTC

Time Sighted: _____

UTC Shift D @:

05 31 19 15114 56 25Tag: 0.9817129

Are the seconds?

☒ Laggingor ☐ in syncClosing block number: 1560601

Binary file name: _____

CompassHeading: 56.0Pitch: -13.4Roll: 7.5**Notes**Ch. 1: 2.62 kL
Ch. 2: 2.61 kL

Instrument landed on 10° slope & likely slid. Mags data are useless.

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 204

MT MKIII

Instrument Number: 108

Instrument Name: Redfish

Checkout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.88

+7VA = 10.9

+5VA = 4.98

-5VA = -5

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 @:

05 27 19 147

11 09 50

Tag: 0.000 2349

Parameters descrip: 204

Sample rate: 125 Hz # Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

05 27 19 147

13 00 00

UTC

Local: 0500h

Clock Drift Check: ☒

Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC0165

B2 / East/West: MC0273

Horizontal electrodes

White: WG-1106

Green: SE-58

Black: WG-1110

Red: WG-0499

all in
WG-1110
black
SE-58

Compass S/N: Redfish

Compass ON: 4:44 L

Compass flash: ☒

Strayline S/N: RFSH

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32239

Receive Frequency: 11.0

Option 1: 611514

Disable: 611465

Enable: 611446

Release 1: 627541

Release 2: 627562

On-anchor chk:

Primary V: 16.8

Off: ☒

Secondary V: 17.0

Off: ☒

Deployment

Date: 5/27/19

Time: 1325 utc

Depth: 4341 m

Latitude: 54° 15.488

Longitude: 159° 03.937

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 5/31/19 L

Acoustics Enabled @: 0117 L

UTC

Release acknowledge: 0118 L

Liftoff from seafloor @: 0122 L

UTC

ETA to surface @: 04:58 L

UTC

Time Sighted: _____

UTC Shift D @:

05 31 19 151

14 03 44

Tag: 0.9887 350

Are the seconds?

☒ Lagging

or

☐ in sync

Closing block number: 1578853

Binary file name: _____

Compass

Heading: 128.0

Pitch: -1.3

Roll: 4.1

Notes

Ch.1 = 2.63 kΩ

Ch.2 = 2.51 kΩ

Instrument frame provided breakfast for props. Lost 2 arms and one may coil. Acoustic slid out, lost to seafloor. SAD

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 203

MT MKIII

Instrument Number: 123

Instrument Name: Quillback

Checkout by: SN

Verified by: _____

Batteries, 3 strings of 10.5V alkaline

+7VD = 10.83

+7VA = 10.85

+5VA = 4.98

-5VA = -4.97

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 @:

05 27 19 147

10 37 44

Tag: 0.000

6778

Parameters descrip: 203

Sample rate: 125

Hz

Ch: 6

Clock Drift Check: _____

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

05 27 19 147

13 00 00

UTC

Local:

0500

Clock Drift Check: ☒

Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0098

B2 / East/West: MC 0288

Horizontal electrodes

White: WG-130

Green: WG-154

Black: WG-381

Red: WG-0904

Compass S/N: Quillback

Compass ON: ☒

3:56.2

Compass flash: ☒

Strayline S/N: QLBK

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32255

Receive Frequency: 11.0

Option 1: 613135

Disable: 613116

Enable: 613067

Release 1: 630555

Release 2: 630576

On-anchor chk:

Primary V: 17.6

Off: ☒

Secondary V: 812.6

Off: ☒

Deployment

Date: 5/27/19

Time: 1238

Depth: 4501

m

Latitude: 54° 10.144

Longitude: 152° 57.730

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 5/30/19

Acoustics Enabled @: 19:48

UTC

Release acknowledge: 19:51

Liftoff from seafloor @: 19:53

UTC

ETA to surface @: 23:40

UTC

Time Sighted: _____

UTC Shift D @:

05 31 19 151

08 39 15

Tag: 0.9761847

Are the seconds?

Lagging

or

in sync

Closing block number: 1490881

Binary file name: 203-Quillback

Compass

Heading: 349.5

Pitch: 0.5

Roll: 1.7

Notes

when clock drift becomes negative, triggers bad clock error.
Q: clock drift ok on recovery?

CH1 = 2.7162

CH2 = 2.6562

19:49

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 202**MT MKIII**Instrument Number: 142Instrument Name: COHOCheckout by: SNVerified by: CA**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.83+7VA = 10.85+5VA = -4.99-5VA = 4.98**Startup**Begin text capture (file name): 201All 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 @:

05 27 19 1409 56 57Tag: 0.000 2404Parameters descrip: 202Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 1411 00 00

UTC

Local: 0300hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0049B2 / East/West: MC0143

Horizontal electrodes

White: WG0528Green: WG0528Black: WG0687Red: WG0615Compass S/N: CO110Compass ON: 0310.2Compass flash: ☒Strayline S/N: CO110Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33021Receive Frequency: 11.0Option 1: 313343Disable: 313326Enable: 313305Release 1: 331547Release 2: 331564

On-anchor chk:

Primary V: 18.0Off: ☒Secondary V: 18.0Off: ☒**Deployment**Date: 5/27/19Time: 1145 UTCDepth: 4589 mLatitude: 54°4.820Longitude: 152°51.505

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 5/30/19Acoustics Enabled @: 16:50UTC 230Release acknowledge: 16:55Liftoff from seafloor @: 16:59UTC 230ETA to surface @: 20:45

UTC

Time Sighted: 20:43

UTC Shift D @:

05 31 19 1505 36 06Tag: 0.0027371

Are the seconds?

Lagging

or

in sync

Closing block number: 1473769Binary file name: 202-coho.bin**Compass**Heading: 228.2Pitch: 2.9Roll: 4.8**Notes**C44 - 2.68 knC42 - 2.69 kn

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 201**MT MKIII**Instrument Number: 109Instrument Name: GraysbyCheckout by: SNVerified by: CA**Batteries, 3 strings of 10.5V alkaline**+7VD = 10.85+7VA = 10.86+5VA = 4.98-5VA = -5.01**Startup**Begin text capture (file name): 201All connectors and cables seated: ☒Flash Card Label / Size: 2

GB

Channel configuration

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

Synch with GPS @:

05 27 19 14709 29 07Tag: 0.000 2312Parameters descrip: 201Sample rate: 125 Hz # Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

05 27 19 14711 00 00

UTC

Local: 0300 hClock Drift Check: ☒Begin (time cntng): ☒

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

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

Horizontal electrodes

White: 1094Green: 1097Black: 1096Red: 1098Compass S/N: GRAYSBYCompass ON: 02:38Compass flash: ☒Strayline S/N: GSBYStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32271Receive Frequency: 11 kHzOption 1: 614533Disable: 614510Enable: 614461Release 1: 631547Release 2: 631564

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 05/27Time: 10 50 utcDepth: 4640 mLatitude: 53° 59' 47.89Longitude: 152° 45.364

Arrival time on seafloor: _____

Acoustics disabled @: ON DECK**Recovery**Date: 5/30/19Acoustics Enabled @: 18:10UTC ☒Release acknowledge: 18:15:45Liftoff from seafloor @: 18:20UTC ☒ETA to surface @: 22:12UTC ☒

Time Sighted: _____

UTC Shift D @:

05 31 19 15106 45 30Tag: 0.960714

Are the seconds?

Lagging

or

in sync

Closing block number: 1493761Binary file name: 201-Graysby.bin**Compass**Heading: 275.3Pitch: 2Roll: -2.2**Notes**CH1 = 2.74 kΩCH2 = 2.71 kΩ

Strayline did not activate
right side up.
But tests ok on deck