

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 507**MT MKIII**Instrument Number: 116Instrument Name: GobyCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16803 01 29Tag: 0.000 2407Parameters descrip: 507Sample rate: 125 Hz # Ch: 48Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒Wake up date/time: 06 17 19 16806 00 00

UTC

Local: 22:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0079B2 / East/West: MC0052

Horizontal electrodes

White: ☒Green: ☒Black: ☒Red: ☒Compass S/N: GobyCompass ON: 21:39Compass flash: ☒Strayline S/N: GobyStrayline test: ☒

Deck check performed: _____

AcousticsS/N: 33001Receive Frequency: 11 kHzOption 1: 311400Disable: 311367Enable: 311344Release 1: 330343Release 2: 330630 330360

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 16 June 2019Time: 22:02 (06:02 UTC)Depth: 4706 mLatitude: 52° 49.165 52° 49.155 NLongitude: 159° 37.851 W

Arrival time on seafloor: _____

Acoustics disabled @: 21:51 (05:51 UTC)**Recovery**Date: 6/20/19Acoustics Enabled @: 14:28 UTCRelease acknowledge: 15:00Liftoff from seafloor @: 15:02 UTCETA to surface @: 18:45 UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17203 35 12Tag: 0.9875847

Are the seconds?

Lagging

or

in sync

Closing block number: 507580Binary file name: 507-Goby.bin**Compass**Heading: 351.5Pitch: -1.2Roll: -2.5**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 508**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: 4

GB

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

Synch with GPS @:

061719168024836

Tag:

0.0002390Parameters descrip: 508Sample rate: 12562.5 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

061719168060000

UTC

Local:

22:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC00169B2 / East/West: MC0267

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: BocaccioCompass ON: 21:13Compass flash: ☒Strayline S/N: BOCAStrayline test: ☒

Deck check performed: _____

AcousticsS/N: 32342Receive Frequency: 11kHzOption 1: 621516Disable: 621467Enable: 621444Release 1: 635025Release 2: 635040

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 16 June 2019Time: 21:38 (05:38 UTC)Depth: 4717 mLatitude: 52°51.235NLongitude: 159°38.831W

Arrival time on seafloor: _____

Acoustics disabled @: 21:24 (05:24 UTC)**Recovery**Date: 6/20Acoustics Enabled @: 13:50

UTC

Release acknowledge: 14:15Liftoff from seafloor @: 14:18

UTC

ETA to surface @: 18:02

UTC

Time Sighted: _____

3:44 UTC Shift D @:

062119172025446

Tag:

0.0043091

Are the seconds?

Lagging

or

in sync

Closing block number: 503924Binary file name: 508-Bocaccio.bin**Compass**Heading: 150.9Pitch: 1.2Roll: 1.6**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 509**MT MKIII**Instrument Number: 104Instrument Name: BlackfinCheckout by: EGVerified 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16802 33 45Tag: 0.000 2339

Parameters descrip:

509Sample rate: 125/62.5 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 17 19 16805 00 00

UTC

Local: 21:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MCOO 89

B2 / East/West: _____

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

BlackfinCompass ON: 20:47Compass flash: ☒

Strayline S/N:

BFINStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32331Receive Frequency: 11kHzOption 1: 620475Disable: 620456Enable: 620433Release 1: 634207Release 2: 634224

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.0Off: ☒**Deployment**Date: 16 June 2019Time: 21:11 (05:11 UTC)Depth: 4721 mLatitude: 52° 53.307NLongitude: 159° 40.791W

Arrival time on seafloor: _____

Acoustics disabled @: 20:55 (04:55 UTC)**Recovery**Date: 6/20Acoustics Enabled @: 13:32

UTC

Release acknowledge: 13:47Liftoff from seafloor @: 13:48

UTC

ETA to surface @: 17:33

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17202 14 30Tag: 0.9477839

Are the seconds?

Lagging

or

in sync

Closing block number: 505208Binary file name: 509-Blackfin.bin**Compass**Heading: 347.2Pitch: 0.4Roll: 3.9**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 510**MT MKIII**Instrument Number: 140Instrument Name: WolffishCheckout 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: 4

GB

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

Synch with GPS @:

06 17 19 16802 13 48Tag: 0.000 2352

Parameters descrip:

518Sample rate: 125Hz X62.5# Ch: 48Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16805 00 00

UTC

Local: 21:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: _____

B2 / East/West: _____

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N:

Wolffish

Compass ON:

20:21Compass flash: ☒

Strayline S/N:

WFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32251Receive Frequency: 11kHzOption 1: 612606Disable: 612564Enable: 612547Release 1: 630343Release 2: 630360

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 16 June 2019Time: 20:45 (04:45 UTC)Depth: 4732 mLatitude: 52°55.384 NLongitude: 159°40.756 W

Arrival time on seafloor: _____

Acoustics disabled @: 20:32 (04:32 UTC)**Recovery**Date: 6/20

Acoustics Enabled @:

12:54?UTC ☒

Release acknowledge:

13:10

Liftoff from seafloor @:

13:14UTC ☒

ETA to surface @:

16:59

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17201 23 43Tag: 0.9818911

Are the seconds?

Lagging

or

in sync

Closing block number: 501120

Binary file name:

510-Wolffish.bin**Compass**Heading: 63.1Pitch: 1.8Roll: 3.4**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 511

MT MKIII

Instrument Number: 138Instrument Name: SwordfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16801 55 24Tag: 0.000 2343Parameters descrip: 511Sample rate: 125/2.5 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16805 00 00

UTC

Local: 21:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC022B2 / East/West: MC0073

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: SwordfishCompass ON: 19:57Compass flash: ☒Strayline S/N: SFSHStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 30945Receive Frequency: 11kHzOption 1: 403603Disable: 401566Enable: 401545Release 1: 424233Release 2: 424256

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒

Deployment

Date: 16 June 2019Time: 20:20

(04:20 UTC)

Depth: 4744 mLatitude: 52°57.460NLongitude: 159°41.742W

Arrival time on seafloor: _____

Acoustics disabled @: 20:07 (04:07 UTC)

Recovery

Date: 6/20Acoustics Enabled @: 12:42 (weak 1st es)

UTC

Release acknowledge: 12:45 (weak)Liftoff from seafloor @: 12:49

UTC

ETA to surface @: 16:37

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17100 58 30Tag: 0.0029803

Are the seconds?

Lagging

or

in sync

Closing block number: 0498840Binary file name: 511-Swordfish.bin

Compass

Heading: 344.4Pitch: 1.1Roll: 1.3

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 512**MT MKIII**Instrument Number: 129Instrument Name: CrockerCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16800 57 17Tag: 0.000 2321

Parameters descrip:

512Sample rate: 125 62.5 Hz# Ch: 4 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 17 19 16804 00 00

UTC

Local: 20:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0174B2 / East/West: MC0066

Horizontal electrodes

White: ☐Green: ☒Black: ☐Red: ☐Compass S/N: CrockerCompass ON: 19:32Compass flash: ☒Strayline S/N: CROAStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32285Receive Frequency: 11kHzOption 1: 615774Disable: 615757Enable: 615732Release 1: 632514Release 2: 632537

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 16 June 2019Time: 19:53 (03:53 UTC)Depth: 4748 mLatitude: 52° 59.505 NLongitude: 159° 42.709 W

Arrival time on seafloor: _____

Acoustics disabled @: 19:47 (03:47 UTC)**Recovery**Date: 6/20/19Acoustics Enabled @: 08:062 UTCRelease acknowledge: 0830Liftoff from seafloor @: 08342 UTCETA to surface @: 12212 UTC

Time Sighted: _____

UTC Shift D @:

06 20 19 17120 37 49Tag: 0.9860224

Are the seconds?

Lagging

or

in sync

Closing block number: 480708Binary file name: 512-Crocker**Compass**Heading: 113Pitch: -0.8Roll: 3.4**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 513**MT MKIII**Instrument Number: 114Instrument Name: DoradoCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16800 42 26Tag: 0.000 2333

Parameters descrip:

513Sample rate: 125 62.5 Hz# Ch: 4 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 17 19 16804 00 00

UTC

Local: 20:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

DoradoCompass ON: 19:08Compass flash: ☒

Strayline S/N:

DBDU

Strayline test: _____

Deck check performed: ☒**Acoustics**S/N: 33020Receive Frequency: 11kHzOption 1: 313274Disable: 313257Enable: 313232Release 1: 331501Release 2: 331522

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 16 June 2019Time: 19:30 (03:30 UTC)Depth: 4766 mLatitude: 53°01.580NLongitude: 159°43.687W

Arrival time on seafloor: _____

Acoustics disabled @: 19:22 (03:22 UTC)**Recovery**Date: 6/20/19Acoustics Enabled @: 07:40UTCRelease acknowledge: 07:49Liftoff from seafloor @: 07:53UTCETA to surface @: 11:40UTC

Time Sighted: _____

3:47 UTC Shift D @:

06 20 19 17120 02 22Tag: 0.9508271

Are the seconds?

Lagging

or

in sync

Closing block number: 477504Binary file name: 513-Dorado**Compass**Heading: 257.2Pitch: 2.8Roll: 4.5**Notes**

CH4 RED/BLACK REPLACED w/ SPARE w/c = WHITE ON RED (WG083)
GREEN ON BLACK (WG080)

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UT-8

Survey ID: _____

Site ID: 514

MT MKIII

Instrument Number: 110

Instrument Name: Greenling

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

00 25 34

Tag: 0.000 2408

Parameters descrip:

514

Sample rate:

125.625 Hz

Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 17 19 168

04 00 00

UTC

Local: 20:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0077

B2 / East/West: MC0118

Horizontal electrodes

White: ☐

Green: ☐

Black: ☐

Red: ☐

Compass S/N:

Greenling

Compass ON: 18:41

Compass flash: ☒

Strayline S/N:

GLNG

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32291

Receive Frequency: 11 kHz

Option 1: 616420

Disable: 616403

Enable: 616364

Release 1: 633017

Release 2: 633034

On-anchor chk:

Primary V: 16.6

Off: ☒

Secondary V: 16.6

Off: ☒

Deployment

Date: 16 June 2019

Time: 03:06

Depth: 4779 m

Latitude: 53° 3.684

Longitude: 159° 44.664

Arrival time on seafloor: _____

Acoustics disabled @: 18:52 (02:52 UTC)

Recovery

Date: 6/20/19

Acoustics Enabled @: 06:38

UTC

Release acknowledge: 07:10

Liftoff from seafloor @: 07:14

UTC

ETA to surface @: 11:01

Time Sighted: _____

UTC Shift D @:

06 20 19 171

19 24 16

Tag: .9725411

Are the seconds?

Lagging

or

in sync

Closing block number: 474060

Binary file name: 514_Greenling

Compass

Heading: 74.0

Pitch: 0.1

Roll: -0.3

Notes

Swapped ~~W-B~~ electrodes for

and

WG 0730

(white in color)

WG 0640

NOT DISABLED BEFORE RECOVERY!

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 515

MT MKIII

Instrument Number: 143

Instrument Name: Grouper (in Tigerfish Frame)

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

00 09 50

Tag: 0.000 2386

Parameters descrip:

515

Sample rate:

125.625 Hz

Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 17 19 168

03 00 00

UTC

Local: 19:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC0054

B2 / East/West: MC0070

Horizontal electrodes White:

Green:

Black:

Red:

Compass S/N: Tigerfish

Compass ON: 18:16

Compass flash: ☒

Strayline S/N: TFSH

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 33025

Receive Frequency: 11kHz

Option 1: 313652

Disable: 313637

Enable: 313614

Release 1: 331777

Release 2: 332005

On-anchor chk:

Primary V: 17.0

Off: ☒

Secondary V: 17.0

Off: ☒

Deployment

Date: 16 June 2019

Time: 02:41

Depth: 4802 m

Latitude: 53° 5.760

Longitude: 159° 45.647

Arrival time on seafloor: _____

Acoustics disabled @: 18:27

Recovery

Date: 6/20/19

Acoustics Enabled @: 05:54 UTC

Release acknowledge: 06:26

Liftoff from seafloor @: 06:30 UTC

ETA to surface @: 10:19 UTC

Time Sighted: 10:15

UTC Shift D @: 06 20 19 171

18 45 52

Tag: .0059482

Are the seconds?

Lagging or in sync

Closing block number: 476012

Binary file name: 515-Grouper

Compass

Heading: 208

Pitch: 0.8

Roll: -0.7

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 516

MT MKIII

Instrument Number: 117Instrument Name: HokiCheckout by: EAVerified by: RK

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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16723 50 02Tag: 0.000 2333

Parameters descrip:

516Sample rate: 125 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 17 19 16803 00 00

UTC

Local: 19:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

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

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

HOKI

Compass ON:

17:57L

Compass flash: _____

Strayline S/N:

HOKIStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32336Receive Frequency: 11kHzOption 1: 621041Disable: 621024Enable: 621007Release 1: 634457Release 2: 634474

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 16.4Off: ☒

Deployment

Date: 16 June 2019Time: 02:15Depth: 4819 mLatitude: 53° 7.839Longitude: 159° 46.637

Arrival time on seafloor: _____

Acoustics disabled @: 17:59L (01:59 UTC)

Recovery

Date: 06/19/19

Acoustics Enabled @:

05:33L UTC

Release acknowledge:

05:45L

Liftoff from seafloor @:

05:50L UTC

ETA to surface @:

09:39L UTC

Time Sighted:

0936

UTC Shift D @:

06 20 19 17118 09 03Tag: .9658975

Are the seconds?

Lagging

or

in sync

Closing block number: 472684

Binary file name:

516-Hoki

Compass

Heading:

354.54

Pitch:

0.4

Roll:

2.9

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 517

MT MKIII

Instrument Number: 105Instrument Name: YellowtailCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16723 37 40Tag: 0.000 2330

Parameters descrip:

517Sample rate: 125 62.5 Hz# Ch: 4 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 17 19 16803 00 00

UTC

Local: 19:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: 0043B2 / East/West: 0057

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: YellowtailCompass ON: 17:11 2Compass flash: ☒Strayline S/N: YTALStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32349Receive Frequency: 11kHzOption 1: 622222Disable: 622201Enable: 622163Release 1: 635364Release 2: 635403

On-anchor chk:

Primary V: 16.6Off: ☒Secondary V: 16.6Off: ☒

Deployment

Date: 6/17/19Time: 01:47Depth: 4850 mLatitude: 53° 9.888Longitude: 159° 47.600

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date: 6/20/19Acoustics Enabled @: 00:59 2 UTCRelease acknowledge: 0130 2Liftoff from seafloor @: 01:34 2 UTCETA to surface @: 05:24 2 UTCTime Sighted: 0517

UTC Shift D @:

06 10 19 17113 37 01Tag: 0013665

Are the seconds?

Lagging

or

in sync

Closing block number: 448104Binary file name: 517-Yellowtail

Compass

Heading: 329.0Pitch: 0.8Roll: 2.4

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 518

MT MKIII

Instrument Number: 123Instrument Name: QuillbackCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16723 22 49Tag: 0.000 2382

Parameters descrip:

518Sample rate: 125 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16802 00 00

UTC

Local: 18:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0098B2 / East/West: MC0288Horizontal electrodes White:Green:Black:Red:Compass S/N: QuillbackCompass ON: 16:41Compass flash: ☒Strayline S/N: QUBKStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32255Receive Frequency: 11kHzOption 1: 613135Disable: 613116Enable: 613067Release 1: 630555Release 2: 630576

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒

Deployment

Date: 16 (17 UTC) June 2019Time: 01:02Depth: 4915 mLatitude: 53° 11.963Longitude: 159° 48.599

Arrival time on seafloor: _____

Acoustics disabled @: 16:50L (00:50 UTC)

Recovery

Date: 06/20/19Acoustics Enabled @: 00:21 L UTCRelease acknowledge: 00:47? 00:48 LLiftoff from seafloor @: 00:52 L UTCETA to surface @: 04:51 L UTCTime Sighted: 0438

UTC Shift D @:

06 20 19 17113 08 23Tag: 9771004

Are the seconds?

Lagging

or

in sync

Closing block number: 450940Binary file name: 518-Quillback

Compass

Heading: 226.2Pitch: -0.3Roll: 2.8

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 519**MT MKIII**Instrument Number: 109Instrument Name: GraysbyCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16723 05 42Tag: 0.000 2292

Parameters descrip:

519Sample rate: 12562.5 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16802 00 00

UTC

Local: 18:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0042B2 / East/West: MC0023

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: GraysbyCompass ON: 16:18Compass flash: ☒Strayline S/N: GBSYStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32271Receive Frequency: 11 kHzOption 1: 614533Disable: 614510Enable: 614461Release 1: 631547Release 2: 631564

On-anchor chk:

Primary V: 17.6Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 168 (17 UTC) June 2019Time: 00:40Depth: 4938 mLatitude: 53°14.042Longitude: 159°49.593

Arrival time on seafloor: _____

Acoustics disabled @: 16:27L (00:27 UTC)**Recovery**Date: 6/19Acoustics Enabled @: 23:54

UTC

Release acknowledge: 6/20 00:04Liftoff from seafloor @: 00:18

UTC

ETA to surface @: 04:17

UTC

Time Sighted: 0409

UTC Shift D @:

06 20 19 17112 38 04Tag: 9603174

Are the seconds?

Lagging

or

in sync

Closing block number: 448200Binary file name: 519-Graysby**Compass**Heading: 253.9 or 221.2Pitch: 0.8Roll: 3.7**Notes**compass bc confusing + bad Ch. 4

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 520

MT MKIII

Instrument Number: 142Instrument Name: CohoCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16722 50 09Tag: 0.000 2452

Parameters descrip:

520Sample rate: 125 6.5 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16802 00 00

UTC

Local: 18:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

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

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N:

CohoCompass ON: 15:54Compass flash: ☒

trayline S/N:

COHOStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 33021Receive Frequency: 11kHzOption 1: 313343Disable: 313326Enable: 313305Release 1: 331547Release 2: 331564

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒

Deployment

Date: 16 June 2019Time: 00:17Depth: 5037 mLatitude: 53° 16.110Longitude: 159° 50.599

Arrival time on seafloor: _____

Acoustics disabled @: 16:05 (00:06 UTC)

Recovery

Date: 6/19

Acoustics Enabled @: _____ UTC

Release acknowledge: 23:38Liftoff from seafloor @: 23:42 UTCETA to surface @: 3:42

UTC

Time Sighted: 0338

UTC Shift D @:

06 20 19 17111 59 40Tag: 0031640

Are the seconds?

Lagging

or

in sync

Closing block number: 444728Binary file name: 520-Coho

Compass

Heading: 204.1Pitch: 0.6Roll: 1.4

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 521**MT MKIII**Instrument Number: 134Instrument Name: DogfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16722 35 40Tag: 0.000 2293Parameters descrip: 521Sample rate: 125 62.5 Hz # Ch: 4 6Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16801 00 00

UTC

Local: 12:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: ☒Green: ☒Black: ☒Red: ☒Compass S/N: DA DogfishCompass ON: 15:32Compass flash: ☒Strayline S/N: DFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32276Receive Frequency: 11kHzOption 1: 615107Disable: 615076Enable: 615055Release 1: 632026Release 2: 632043

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 16 June 2019Time: 23:54Depth: 5146 mLatitude: 53°18.187Longitude: 159°51.579

Arrival time on seafloor: _____

Acoustics disabled @: 15:43L (23:43 UTC)**Recovery**Date: 6/19/19Acoustics Enabled @: 23:02 L UTCRelease acknowledge: 23:03 LLiftoff from seafloor @: 23:07 L UTCETA to surface @: 3:12 L UTC

Time Sighted: _____

UTC Shift D @:

06 20 19 17111 29 10Tag: 9937422

Are the seconds?

Lagging

or

in sync

Closing block number: 447396Binary file name: 521-Dogfish**Compass**Heading: 120.8Pitch: 2.9Roll: 6.5**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 522

MT MKIII

Instrument Number: 133Instrument Name: CATfishCheckout by: EAVerified by: RK

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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16722 13 30Tag: 0.000 2327

Parameters descrip:

522Sample rate: 125 62.5 Hz# Ch: 4 6Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 17 19 16801 00 00

UTC

Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MCO244B2 / East/West: MCO47

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: CatfishCompass ON: 15:09 1Compass flash: ☒Strayline S/N: CFSHStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32282Receive Frequency: 11kHzOption 1: 615544Disable: 615521Enable: 615502Release 1: 632321Release 2: 632344

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.0Off: ☒

Deployment

Date: 16 June 2019Time: 23:51Depth: 5200 mLatitude: 53° 20.260Longitude: 159° 52.558

Arrival time on seafloor: _____

Acoustics disabled @: 15:19 (23:19 UTC)

Recovery

Date: 6/19/19Acoustics Enabled @: 17:43 2 UTCRelease acknowledge: 18:30 2Liftoff from seafloor @: 18:34 2 UTCETA to surface @: 22:41 2 UTC

Time Sighted: _____

UTC Shift D @:

06 20 19 17107 00 33Tag: 0.9702273

Are the seconds?

Lagging

or

in sync

Closing block number: 423124Binary file name: 522-CATfish.bin

Compass

Heading: 319Pitch: 1.4Roll: 4.2

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 523**MT MKIII**Instrument Number: 146Instrument Name: MooneyeCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

061619167215947

Tag:

0.000 2360

Parameters descrip:

523

Sample rate:

125 62.5Hz

Ch:

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

Wake up date/time:

061719168010000

UTC

Local:

17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0046B2 / East/West: MC0018

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

Mooneye

Compass ON:

14:41Compass flash: ☒

Strayline S/N:

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

S/N:

32240

Receive Frequency:

11kHz

Option 1:

611571

Disable:

611552

Enable:

611537

Release 1:

627600

Release 2:

627623

On-anchor chk:

Primary V:

17.4Off: ☒

Secondary V:

17.4Off: ☒**Deployment**

Date:

16 June 2019

Time:

23:07

Depth:

5291 m

Latitude:

52°22.328

Longitude:

159°53.553

Arrival time on seafloor: _____

Acoustics disabled @:

14:52L (22:52 UTC)**Recovery**

Date:

6/19

Acoustics Enabled @:

16:412 UTC

Release acknowledge:

17:342

Liftoff from seafloor @:

17:382 UTC

ETA to surface @:

21:492 UTC

Time Sighted: _____

UTC Shift D @:

062019171061343

Tag:

0.9987640

Are the seconds?

Lagging

or

in sync

Closing block number:

418892

Binary file name:

523-Mooneye.bin**Compass**

Heading:

309.4

Pitch:

1.2

Roll:

1.9**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 524**MT MKIII**Instrument Number: 127Instrument Name: WaxmouthCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

061619167213319Tag: 0.000 2467

Parameters descrip:

524Sample rate: 125 62.5 Hz# Ch: 6 4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

061719168010000

UTC

Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0141B2 / East/West: MC0255

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

WaxmouthCompass ON: 14:19Compass flash: ☒

Strayline S/N:

WMTHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32259Receive Frequency: 11kHzOption 1: 613424Disable: 613407Enable: 613360Release 1: 630746Release 2: 630765

On-anchor chk:

Primary V: 16.6Off: ☒Secondary V: 16.4Off: ☒**Deployment**Date: 16 June 2019Time: 22:40Depth: 5513 mLatitude: 53° 24.400Longitude: 159° 54.541

Arrival time on seafloor: _____

Acoustics disabled @: 14:30 l (20:22:30 UTC)**Recovery**Date: 6/19/19Acoustics Enabled @: 15:46l UTCRelease acknowledge: 16:34Liftoff from seafloor @: 16:38l UTCETA to surface @: 21:00l UTC

Time Sighted: _____

UTC Shift D @:

062019171052339

Tag:

0.9843115

Are the seconds?

Lagging

or

in sync

Closing block number: 414368Binary file name: 524-Waxmouth.bin**Compass**Heading: 6.5Pitch: -2.1Roll: 2.7**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 525

MT MKIII

Instrument Number: 119

Instrument Name: Moi

Checkout by: EATCC

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 16 19 167

21 15 47

Tag: 0.000 2323

Parameters descrip:

525

Sample rate: 125 62.5 Hz

Ch: 8 4

Clock Drift Check: _____

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 16 19 167

23 00 00

UTC

Local: 15:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC0160

B2 / East/West: MC0247

Horizontal electrodes

White: ☐

Green: ☐

Black: ☐

Red: ☐

Compass S/N:

Kupipi

Compass ON: 13:55

Compass flash: ☒

Strayline S/N:

M01

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32286

Receive Frequency: 11 kHz

Option 1: 616040

Disable: 616025

Enable: 616006

Release 1: 632552

Release 2: 632571

On-anchor chk:

Primary V: 17.0

Off: ☒

Secondary V: 16.8

Off: ☒

Deployment

Date: 16 June 2019

Time: 22:16

Depth: 5831 m

Latitude: 53°26.473

Longitude: 159°55.537

Arrival time on seafloor: _____

Acoustics disabled @: 14:03 (22:03 UTC)

Recovery

Date: 6/19/19

Acoustics Enabled @: 15:13

2 UTC

Release acknowledge: 15:37

Liftoff from seafloor @: 15:47

2 UTC

ETA to surface @: 20:16

2 UTC

Time Sighted: _____

UTC Shift D @:

06 20 19 171

04 39 31

Tag: 0.9874128

Are the seconds?

Lagging

or

in sync

Closing block number: 421220

Binary file name: 525_Moi_bin

Compass

Heading: 27.7

Pitch: -0.4

Roll: 0.3

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 526**MT MKIII**Instrument Number: 122Instrument Name: PufferCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 16 19 16720 56 03Tag: 0.000 2384Parameters descrip: 526Sample rate: 125Hz 62.5# Ch: 64Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 16 19 16723 00 00

UTC

Local: 15:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: 0290B2 / East/West: 0022

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: PUFFERCompass ON: 13:32Compass flash: ☒Strayline S/N: PuflStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 31436Receive Frequency: 11.0Option 1: 475477Disable: 475454Enable: 475431Release 1: 452047Release 2: 452064

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 16 June 2019Time: 21:52Depth: 5754 mLatitude: 53°28.542Longitude: 159°56.540

Arrival time on seafloor: _____

Acoustics disabled @: 13:36 (21:36 UTC)**Recovery**Date: 6/19/19Acoustics Enabled @: 14:542 UTCRelease acknowledge: 14:572Liftoff from seafloor @: 15:022 UTCETA to surface @: 19:362 UTC

Time Sighted: _____

UTC Shift D @:

06 20 19 17104 03 18Tag: 0.9989229

Are the seconds?

Lagging

or

in sync

Closing block number: 0417 948Binary file name: 526-Puffer.bin**Compass**Heading: 246.2Pitch: -1.9Roll: 0.9**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 527**MT MKIII**Instrument Number: 142Instrument Name: CohoCheckout by: EAVerified by: SN**Batteries, 3 strings of 10.5V alkaline**

+7VD = _____

+7VA = _____

+5VA = _____

-5VA = _____

StartupBegin text capture (file name): 527-All connectors and cables seated: ☒Flash Card Label / Size: 4

GB

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

Synch with GPS @:

06 10 19 16122 17 53Tag: 0.000 2362

Parameters descrip:

527Sample rate: 125 62.5 Hz# Ch: 84Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 11 19 16201 00 00

UTC

Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: C040Compass ON: ☒14:40Compass flash: ☒Strayline S/N: C040Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33021Receive Frequency: 11.0Option 1: 313343Disable: 313326Enable: 313305Release 1: 331547Release 2: 331504

On-anchor chk:

Primary V: 17.6Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 6/10/19Time: 22:56Depth: 5659 mLatitude: 53° 40.966Longitude: 160° 2.612

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/16Acoustics Enabled @: 22:12

UTC

Release acknowledge: 22:42Liftoff from seafloor @: 22:46

UTC

ETA to surface @: 3:15

UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16711 37 07Tag: 0042898

Are the seconds?

Lagging

or

in sync

Closing block number: 708356Binary file name: 527-Coho**Compass**Heading: 313.7Pitch: 3.9Roll: 5.0**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 528**MT MKIII**Instrument Number: 109Instrument Name: GraysbyCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 10 19 16122 49 18Tag: 0.000 2348Parameters descrip: 528Sample rate: 12562.5 Hz# Ch: 6/4Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 11 19 16201 00 00

UTC

Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0042B2 / East/West: MC0023

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: GraysbyCompass ON: 15:10

Compass flash: _____

Strayline S/N: G5BYStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32271Receive Frequency: 11 kHzOption 1: 614547 614533Disable: 614510Enable: 614461Release 1: 631547Release 2: 631564

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 06/10/19Time: 15:13L (23:13UTC)Depth: 5543 mLatitude: 53° 43.047Longitude: 160° 2.610

Arrival time on seafloor: _____

Acoustics disabled @: 15:13L (23:13UTC)**Recovery**Date: 6/15

Acoustics Enabled @: _____

UTC ☒Release acknowledge: 22:09Liftoff from seafloor @: 22:13UTC ☒ETA to surface @: 2:26UTC ☒Time Sighted: 2:33UTC Shift D @: 06 16 19 16711 01 54Tag: 9381827

Are the seconds?

Lagging

or

in sync

Closing block number: 705172Binary file name: 528-Graysby**Compass**Heading: 127.4Pitch: -3.8Roll: 11.6**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 529**MT MKIII**Instrument Number: 123Instrument Name: QuillbackCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 10 19 16123 05 07Tag: 0.000 2380Parameters descrip: 529Sample rate: 12562.5 Hz# Ch: 64Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16201 00 00

UTC

Local: 17:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: _____

B2 / East/West: _____

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: QuillbackCompass ON: 15:24 LCompass flash: ☒Strayline S/N: QLBKStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32255Receive Frequency: 11k142Option 1: 613135Disable: 613116Enable: 613067Release 1: 630555Release 2: 630576

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 16.6Off: ☒**Deployment**Date: 06/10/19Time: 23:47Depth: 5970 m 4970 mLatitude: 53°45.128Longitude: 160°4.686

Arrival time on seafloor: _____

Acoustics disabled @: 15:34L**Recovery**Date: 6/15Acoustics Enabled @: 21:25 UTCRelease acknowledge: 21:41Liftoff from seafloor @: 21:46 UTCETA to surface @: 01:48

UTC Time Sighted: _____

UTC Shift D @:

10 03 44 16710 03 44Tag: 965064406 16 19

Are the seconds?

Lagging

or

in sync

Closing block number: 699916Binary file name: 529_Quillback**Compass**Heading: 144.8Pitch: -5.7Roll: 3.5**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: MTC-8

Survey ID: _____

Site ID: 530**MT MKIII**Instrument Number: 122Instrument Name: pufferCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 10 19 16123 54 42Tag: 0.000 2472Parameters descrip: 530Sample rate: 12562.5 Hz# Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒Wake up date/time: 06 11 19 16202 00 00

UTC

Local: 18:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0290B2 / East/West: MC0022Horizontal electrodes White:Green:Black:Red:

Compass S/N: _____

Compass ON: 17:35L

Compass flash: _____

Strayline S/N: PUFRStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 31436Receive Frequency: 11kHzOption 1: 475477Disable: 475454Enable: 475431Release 1: 452047Release 2: 452064

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 14.4Off: ☒**Deployment**Date: 06/11/19Time: 01:46Depth: 4564 mLatitude: 53°47.195Longitude: 160°5.641

Arrival time on seafloor: _____

Acoustics disabled @: 17:43L**Recovery**Date: 6/16/19Acoustics Enabled @: 0718 UTCRelease acknowledge: 0740Liftoff from seafloor @: 0744 UTCETA to surface @: 11:00 UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16719 49 07Tag: 0.9976331

Are the seconds?

Lagging

or

in sync

Closing block number: 747392Binary file name: 530_puffer.bin**Compass**Heading: 292.2Pitch: 5.8Roll: 1.3**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 530a**MT MKIII**Instrument Number: 127Instrument Name: WarmouthCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 10 19 16123 24 53Tag: 0.000 2347

Parameters descrip:

530aSample rate: 125 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16202 00 00

UTC

Local: 1800

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0141B2 / East/West: MC0255

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

WARMOUTH

Compass ON:

15:47Compass flash: ☒

Strayline S/N:

WMTHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32259Receive Frequency: 11 kHzOption 1: 613424

Disable:

613407

Enable:

613360

Release 1:

6030746

Release 2:

630765

On-anchor chk:

Primary V: 16.8Off: ☒Secondary V: 16.6Off: ☒**Deployment**Date: 06/11/19Time: 00:31Depth: 4192 mLatitude: 53° 45.984Longitude: 160° 12.650

Arrival time on seafloor: _____

Acoustics disabled @: 15:57L**Recovery**Date: 06/16/19

Acoustics Enabled @:

0603UTC

Release acknowledge:

0622

Liftoff from seafloor @:

0626UTC

ETA to surface @:

0945UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16718 05 57Tag: .9728051

Are the seconds?

Lagging

or

in sync

Closing block number: 738068

Binary file name:

530a-Warmouth**Compass**Heading: 138.8Pitch: 0.8Roll: 8.6**Notes**acoustics work but pings are noticeably fainter than other units

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____Site ID: 5306**MT MKIII**Instrument Number: 119Instrument Name: MoiCheckout 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: VFlash Card Label / Size: 4

GB

Channel configuration

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

Synch with GPS @:

06 10 19 16123 36 43Tag: 0.000 2405

Parameters descrip:

5306Sample rate: 125 62.5 Hz# Ch: 6 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16202 00 00

UTC

Local: 18:00

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: _____

Green: _____

Black: _____

Red: _____

Compass S/N: KupipiCompass ON: 16:33 2Compass flash: ✓Strayline S/N: MOIStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32286Receive Frequency: 11KHzOption 1: 616040Disable: 616025Enable: 616006Release 1: 632552Release 2: 632571

On-anchor chk:

Primary V: 17.2Off: ✓Secondary V: 17.2Off: ✓**Deployment**Date: 06/11/19Time: 00:56Depth: 4285 mLatitude: 53° 46.607Longitude: 160° 9.145

Arrival time on seafloor: _____

Acoustics disabled @: 16:43 2 (00:43 UTC)**Recovery**Date: 06/16/19Acoustics Enabled @: 06:38 2 UTCRelease acknowledge: 0706 2Liftoff from seafloor @: 07:07 2 UTCETA to surface @: 1031 2 UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16718 52 19Tag: .9754576

Are the seconds?

Lagging

or

in sync

Closing block number: 742256Binary file name: 5306-Moi**Compass**Heading: 349.3Pitch: -0.8Roll: -5.1**Notes**

several burns (1st 2nd) sent with no response. suddenly had good responses and it had already lifted off. Probably ok.

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 530c**MT MKIII**Instrument Number: 105Instrument Name: YellowtailCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16200 10 21Tag: 0.000 2438

Parameters descrip:

530cSample rate: 125 Hz# Ch: 6Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 11 19 16203 00 00

UTC

Local: 19:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC 0043B2 / East/West: MC 0057

Horizontal electrodes

White:Green:Black:Red:

Compass S/N:

YellowtailCompass ON: 17:52L

Compass flash: _____

Strayline S/N:

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

S/N:

32349Receive Frequency: 11 kHz

Option 1:

622222

Disable:

622201

Enable:

622163

Release 1:

635364

Release 2:

635403

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 16.8Off: ☒**Deployment**

Date:

06/11/19

Time:

02:17

Depth:

4473 m

Latitude:

53°42.766

Longitude:

160°21.70

Arrival time on seafloor: _____

Acoustics disabled @:

18:01L**Recovery**

Date:

6/15

Acoustics Enabled @:

20:41

UTC

Release acknowledge:

21:02

Liftoff from seafloor @:

21:06

UTC

ETA to surface @:

00:39

UTC

Time Sighted:

00:30

UTC Shift D @:

06 16 19 16709 28 17

Tag:

.0018715

Are the seconds?

Lagging

or

in sync

Closing block number:

685868

Binary file name:

530c - Yellowtail**Compass**

Heading:

300

Pitch:

-11.4

Roll:

2.5**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 530d

MT MKIII

Instrument Number: 143

Instrument Name: Grouper (in tigerfish frame)

Checkout by: EA

Verified by: RK

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

00 26 03

Tag: 0.000 2408

Parameters descrip:

530d

Sample rate: 125 Hz

Ch: 6 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 162

03 00 00

UTC

Local: 19:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0051

B2 / East/West: MC 0076

Horizontal electrodes

White: ☒

Green: ☒

Black: ☒

Red: ☒

Compass S/N: Yellowtail Tigerfish

Compass ON: 18:19:52

Compass flash: ☒

Strayline S/N: TFSH

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 33025

Receive Frequency: 11 kHz

Option 1: 313652

Disable: 313637

Enable: 313614

Release 1: 332 331777

Release 2: 332005

On-anchor chk:

Primary V: 17.4

Off: ☒

Secondary V: 17.4

Off: ☒

Deployment

Date: 06/11/19

Time: 02:47

Depth: 4492 m

Latitude: 53° 48.365

Longitude: 159° 58.662

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date: 6/15/19

Acoustics Enabled @: 15:23

2 UTC

Release acknowledge: 15:42

2

Liftoff from seafloor @: 15:47

2 UTC

3h 34m

ETA to surface @: 19:20

2 UTC

Time Sighted: _____

UTC Shift D @: 6 16 19 167

04 22 20

Tag: 0.0241025

Are the seconds?

Lagging

or

in sync

Closing block number: 605000

Binary file name: 530d_Grouper.bin

Compass

Heading: 336.6

Pitch: -1.0°

Roll: 2.4°

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 530e

MT MKIII

Instrument Number: 110

Instrument Name: Greenling

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

00 48 53

Tag: 0.000 2411

Parameters descrip:

530e

Sample rate: 125.5 Hz

Ch: 8

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: _____

Wake up date/time:

06 11 19 162

04 00 00

UTC

Local: 20:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC 0077

B2 / East/West: MC 0118

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N: Greenling

Compass ON: 18:50

Compass flash: ✓

Strayline S/N: GLNG

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32291

Receive Frequency: 11kHz

Option 1: 616420

Disable: 616403

Enable: 616364

Release 1: 633017

Release 2: 633034

On-anchor chk:

Primary V: 16.8

Off: ✓

Secondary V: 16.8

Off: ✓

Deployment

Date: 06/11/19

Time: 03:17

Depth: 4256 m

Latitude: 53° 48.951

Longitude: 159° 55.165

Arrival time on seafloor: _____

Acoustics disabled @: 19:01

Recovery

Date: 6/15/19

Acoustics Enabled @: 14:55

2 UTC

Release acknowledge: 15:14

2

Liftoff from seafloor @: 15:19

2 UTC

3623m

ETA to surface @: 18:42

2 UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 167

03 26 38

Tag:

0.9341494

Are the seconds?

Lagging

or

in sync

Closing block number: 647768

Binary file name: 530e-Greenling.bin

Compass

Heading: 163.4

Pitch: -0.8

Roll: 3.9

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 531

MT MKIII

Instrument Number: 134Instrument Name: DogfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16202 26 16Tag: 0.000 2382

Parameters descrip:

531Sample rate: 125 Hz62.5 Hz# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16205 00 00

UTC

Local: 21:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

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

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N: DogfishCompass ON: 20:53Compass flash: ✓Strayline S/N: DFSHStrayline test: ✓Deck check performed: ✓

Acoustics

S/N: 32276Receive Frequency: 11kHzOption 1: 615107Disable: 615076Enable: 615055Release 1: 632026Release 2: 632043

On-anchor chk:

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

Deployment

Date: 06/11/19Time: 05:15Depth: 4137 mLatitude: 53° 49.268Longitude: 160° 6.619

Arrival time on seafloor: _____

Acoustics disabled @: 21:04

Recovery

Date: 6/16/19Acoustics Enabled @: 04:27

UTC

Release acknowledge: 0442Liftoff from seafloor @: 0446

UTC

ETA to surface @: 0803

UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16716 27 36Tag: 9901133

Are the seconds?

Lagging

or

in sync

Closing block number: 712916Binary file name: 531-Dogfish

Compass

Heading: 158.9Pitch: -10.0Roll: 4.3

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 531a

MT MKIII

Instrument Number: 146Instrument Name: MooneyeCheckout 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: _____

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16203 19 23Tag: 0.000 2350

Parameters descrip:

531aSample rate: 125 62.5 Hz# Ch: 6 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16206 00 00

UTC

Local: 22:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0046B2 / East/West: MC0018

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐

Compass S/N:

MooneyeCompass ON: 21:42Compass flash: ☒

Strayline S/N:

MOONStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 32240Receive Frequency: 11kHzOption 1: 611571Disable: 611552Enable: 611537Release 1: 627600Release 2: 627623

On-anchor chk:

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒

Deployment

Date: 06/11/19Time: 06:06Depth: 4001 mLatitude: 53°48.046Longitude: 160°13.622

Arrival time on seafloor: _____

Acoustics disabled @: 21:54

Recovery

Date: 6/15Acoustics Enabled @: 0518UTC ☒Release acknowledge: 05:50Liftoff from seafloor @: 05:54UTC ☒ETA to surface @: 09:04UTC ☒Time Sighted: 09:01

UTC Shift D @:

06 16 19 16717 26 46Tag: .9976526

Are the seconds?

Lagging

or

in sync

Closing block number: 712840Binary file name: 531a-Mooneye

Compass

Heading: 314.7Pitch: 3.8Roll: 4.0

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 5316

MT MKIII

Instrument Number: 133

Instrument Name: catfish

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

03 05 13

Tag: 0.000 2282

Parameters descrip:

5316

Sample rate:

125 62.5 Hz

Ch:

6

Clock Drift Check:

☒

ADC test OK:

☒

Initialize the disk:

Wake up date/time:

06 11 19 162

06 00 00

UTC

Local:

22:00

Clock Drift Check:

Begin (time cntng):

End text capture:

Dessicant/Purge:

☒

Pre-deployment

Coils:

B1 / North/South:

0244

B2 / East/West:

0147

Horizontal electrodes

White:

Green:

Black:

Red:

Compass S/N:

CATFJH

Compass ON:

21:28

Compass flash:

☒

Strayline S/N:

CFSH

Strayline test:

☒

Deck check performed:

☒

Acoustics

S/N:

32282

Receive Frequency:

11kHz

Option 1:

615544

Disable:

615521

Enable:

615502

Release 1:

632321

Release 2:

632344

On-anchor chk:

Primary V:

16.8

Off:

☒

Secondary V:

16.4

Off:

☒

Deployment

Date:

06/11/19

Time:

05:40

Depth:

4205 m

Latitude:

53° 48.650

Longitude:

160° 10.114

Arrival time on seafloor:

Acoustics disabled @:

on deck

Recovery

Date:

6/16

Acoustics Enabled @:

0452

UTC

Release acknowledge:

0512

Liftoff from seafloor @:

0516

UTC

ETA to surface @:

0836

UTC

Time Sighted:

UTC Shift D @:

06 16 19 167

16 58 26

Tag:

.9512758

Are the seconds?

Lagging

or

in sync

Closing block number:

710280

Binary file name:

5316-Catfish

Compass

Heading:

22.6

Pitch:

-0.2

Roll:

2.0

Notes

acoustics disabled

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 531c**MT MKIII**Instrument Number: 117Instrument Name: HokiCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16202 11 37Tag: 0.0002306

Parameters descrip:

531cSample rate: 12562.5 Hz# Ch: 64Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16205 00 00

UTC

Local: 21:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

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

Horizontal electrodes

White: ☐Green: ☐Black: ☐Red: ☐Compass S/N: HokiCompass ON: 20:27Compass flash: ☒Strayline S/N: HOKIStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32336Receive Frequency: 11kHzOption 1: 621041Disable: 621024Enable: 621007Release 1: 634457Release 2: 634474

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 16.8Off: ☒**Deployment**Date: 06/11/19Time: 04:50Depth: 4304 mLatitude: 53° 49.870Longitude: 160° 3.085

Arrival time on seafloor: _____

Acoustics disabled @: 20:40**Recovery**Date: 06/11/19Acoustics Enabled @: 20:11

UTC

Release acknowledge: 20:39Liftoff from seafloor @: 20:38

UTC

ETA to surface @: 10:13

UTC

Time Sighted: _____

UTC Shift D @:

06 16 19 16708 59 42Tag: ~~20:11~~ 9516151

Are the seconds?

Lagging

or

in sync

Closing block number: 672444Binary file name: 531c-Hoki**Compass**Heading: 324.3Pitch: 2.6Roll: -0.2**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: _____ Survey ID: _____ Site ID: 531d

MT MKIII Instrument Number: 129 Instrument Name: Croacker
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: 4 GB

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

Synch with GPS @: 06 11 19 162 01 51 08 Tag: 0.000 2349

Parameters descrip: 531d Sample rate: 125 Hz # Ch: 6

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

Wake up date/time: 06 11 19 162 04 00 00 UTC Local: 20:00

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

Pre-deployment

Coils: B1 / North/South: MC0174 B2 / East/West: MC0066

Horizontal electrodes White: ☐ Green: ☐ Black: ☐ Red: ☐

Compass S/N: Croacker Compass ON: 19:59 Compass flash: ☒

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

Acoustics

S/N: 32285 Receive Frequency: 11kHz Option 1: 615774

Disable: 615757 Enable: 615732 Release 1: 632514 Release 2: 632537

On-anchor chk: Primary V: 16.8 Off: ☒ Secondary V: 16.8 Off: ☒

Deployment

Date: 06/11/19 Time: 04:24 Depth: 4200 m

Latitude: 53° 50.464 Longitude: 159° 59.570

Arrival time on seafloor: _____ Acoustics disabled @: 20:10

Recovery

Date: 6/15 Acoustics Enabled @: 13:13 UTC

Release acknowledge: 13:46 Liftoff from seafloor @: 13:50 UTC

ETA to surface @: 17:25 UTC Time Sighted: _____

UTC Shift D @: 06 16 19 167 01 46 29 Tag: 0.9814690

Are the seconds? Lagging or in sync

Closing block number: 638720 Binary file name: 531d-Croacker

Compass

Heading: 120.4 Pitch: -5.4 Roll: 7.3

Notes

* Bxy VSG connector → ~~slight~~ a bit cracked

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8 Survey ID: _____ Site ID: 531e

MT MKIII Instrument Number: 114 Instrument Name: Dorado
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: 4 GB

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

Synch with GPS @: 06 11 19 162 01 04 45 Tag: 0.000 2421

Parameters descrip: 531e Sample rate: 125 62.5 Hz # Ch: 6 4

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

Wake up date/time: 06 11 19 162 04 00 00 UTC Local: 20:00

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: ☐ Green: ☐ Black: ☐ Red: ☐

Compass S/N: Dorado Compass ON: 19:19 2 Compass flash: ☒

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

Acoustics

S/N: 33020 Receive Frequency: 11kHz Option 1: 313274

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

On-anchor chk: Primary V: 16.8 Off: ☒ Secondary V: 16.6 Off: ☒

Deployment

Date: 06/11/19 Time: 03:57 Depth: 4141 m

Latitude: 53°51.031 Longitude: 159°56.183

Arrival time on seafloor: _____ Acoustics disabled @: 19:29

Recovery

Date: 06/11/19 Acoustics Enabled @: _____ UTC

Release acknowledge: 14:38 Liftoff from seafloor @: 17:42 UTC

13:17 ETA to surface @: 17:59 UTC Time Sighted: _____

UTC Shift D @: 06 16 2019 167 02 30 43 Tag: 0.9341500

Are the seconds? Lagging or in sync

Closing block number: 642719 Binary file name: 531e-Dorado.bin

Compass

Heading: 46.2° Pitch: 1.7° Roll: 2.5°

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 532

MT MKIII

Instrument Number: 121

Instrument Name: Opah

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

04 07 45

Tag: 0.000 2465

Parameters descrip: 532

Sample rate: 12562.5 Hz

Ch: 6

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time: 06 11 19 162

07 00 00

UTC

Local: 23:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils: _____

B1 / North/South: MC0281

B2 / East/West: MC0034

Horizontal electrodes

White: ☐

Green: ☐

Black: ☐

Red: ☐

Compass S/N: 32277

SPARE

Compass ON: 23:20

Compass flash: _____

Strayline S/N: OPAH

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32277

Receive Frequency: 11 kHz

Option 1: 615162

Disable: 615141

Enable: 615124

Release 1: 632060

Release 2: 632111

On-anchor chk: _____

Primary V: 17.0

Off: ☒

Secondary V: 17.6

Off: ☒

Deployment

Date: 06/11/19

Time: 07:41

Depth: 3911 m

Latitude: 53°51.335

Longitude: 160°7.733

Arrival time on seafloor: _____

Acoustics disabled @: 23:23L

Recovery

Date: 6/15

Acoustics Enabled @: 02:01L

UTC

Release acknowledge: 02:13

Liftoff from seafloor @: 02:17

UTC

ETA to surface @: 05:23

UTC

Time Sighted: 05:20

UTC Shift D @: 06 15 19 166

13 47 56

Tag: .9766253

Are the seconds?

Lagging

or

in sync

Closing block number: 557524

Binary file name: 532-Opah

Compass

Heading: 313.0

Pitch: 3.0

Roll: -2.2

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 532a**MT MKIII**Instrument Number: 101Instrument Name: GaribaldiCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16203 34 06Tag: 0.000 2379

Parameters descrip:

532aSample rate: 125 Hz# Ch: 4Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16206 00 00

UTC

Local: 22:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC 0026B2 / East/West: MC 0078

Horizontal electrodes

White: ☐Green: ☒Black: ☐Red: ☐Compass S/N: GaribaldiCompass ON: 22:08Compass flash: ☒Strayline S/N: GBDIStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: GBDI31443Receive Frequency: 11 kHzOption 1: 476211Disable: 476173Enable: 476150Release 1: 452404Release 2: 452427

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 3144306/11/19Time: 06:34Depth: 3228 mLatitude: 53° 50.131Longitude: 160° 14.659

Arrival time on seafloor: _____

Acoustics disabled @: 22:19**Recovery**Date: 6/15Acoustics Enabled @: 0045 UTCRelease acknowledge: 0102Liftoff from seafloor @: 0106 UTCETA to surface @: 0403 UTCTime Sighted: 0406

UTC Shift D @:

06 15 19 16612 37 20Tag: .9777794

Are the seconds?

Lagging

or

in sync

Closing block number: 556568Binary file name: 532a - Garibaldi**Compass**Heading: 90.6Pitch: 0.7Roll: -4.8**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 5326**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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16203 49 10Tag: 0.000 2698Parameters descrip: 5326Sample rate: 125 62.5 Hz# Ch: 64Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16206 00 00

UTC

Local: 22:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: MC0207B2 / East/West: MC 0115

Horizontal electrodes

White: ☐Green: ☒Black: ☐Red: ☐Compass S/N: BonitoCompass ON: 22:34Compass flash: ☒Strayline S/N: BNT0Strayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32292Receive Frequency: 11kHzOption 1: 016517Disable: 016466Enable: 016445Release 1: 033057Release 2: 033072

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 06/11/19Time: 07:10Depth: 3927 mLatitude: 53° 50.739Longitude: 160° 11.217

Arrival time on seafloor: _____

Acoustics disabled @: 22:48**Recovery**Date: 6/15Acoustics Enabled @: 0114UTC ☒Release acknowledge: 01:38Liftoff from seafloor @: 0142UTC ☒ETA to surface @: 04:49UTC ☒Time Sighted: 04:44

UTC Shift D @:

06 15 19 16613 10 46Tag: .0089071

Are the seconds?

Lagging

or

in sync

Closing block number: 559588Binary file name: 5326-Bonito**Compass**Heading: 79.5Pitch: -1.0Roll: 3.9**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 532c**MT MKIII**Instrument Number: 138Instrument Name: SwordfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16204 23 14Tag: 0.000 2381Parameters descrip: 532cSample rate: 125 Hz# Ch: 8Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒Wake up date/time: 06 11 19 16207 00 00

UTC

Local: 23:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils: _____

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

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N: SwordfishCompass ON: 23:42Compass flash: ☒Strayline S/N: SFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 30945Receive Frequency: 11kHzOption 1: 403603Disable: 401566Enable: 401545Release 1: 424233Release 2: 424256

On-anchor chk: _____

Primary V: 17.4Off: ☒Secondary V: 17.4Off: ☒**Deployment**Date: 06/11/19Time: 08:06Depth: 3922 mLatitude: 53° 51.940Longitude: 160° 4.171

Arrival time on seafloor: _____

Acoustics disabled @: 23:52**Recovery**Date: 6/15Acoustics Enabled @: 17:30UTC ☒Release acknowledge: 12:53Liftoff from seafloor @: 17:57UTC ☒ETA to surface @: 16:04

UTC

Time Sighted: _____

UTC Shift D @: 06 15 19 16700 47 16Tag: 0034474

Are the seconds?

Lagging

or

in sync

Closing block number: 617104Binary file name: 532c-Swordfish.bin**Compass**Heading: 113.9°Pitch: -8.4°Roll: 8.1°**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 532d**MT MKIII**Instrument Number: 140Instrument Name: WolfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

061119162044029

Tag:

0.000

2363

Parameters descrip:

532dSample rate: 12562.5Hz# Ch: 64Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

061119162070000

UTC

Local:

23:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

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

Horizontal electrodes

White: WG0855Green: WG0698Black: XE060Red: SC096Compass S/N: WolfishCompass ON: 00:15.2Compass flash: ☒Strayline S/N: WFSHStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 32251Receive Frequency: 11kHzOption 1: 612606Disable: 612564Enable: 612547Release 1: 630343Release 2: 630360

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒**Deployment**Date: 6/11Time: 0829 UTCDepth: 3760

m

Latitude: 53° 52.538'Longitude: 160° 0.669'

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/15/19Acoustics Enabled @: 08:37.2

UTC

Release acknowledge: 0853.2Liftoff from seafloor @: 0857.2

UTC

ETA to surface @: 11:56.2

UTC

Time Sighted: _____

UTC Shift D @:

061519166205047

Tag:

0.9783562

Are the seconds?

Lagging

or

in sync

Closing block number: 595736Binary file name: 532d-Wolfish.bin**Compass**Heading: 229.3°Pitch: -2.7°Roll: -0.5°**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 532e

MT MKIII

Instrument Number: 104

Instrument Name: Blackfin

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

05 10 02

Tag: 0.000 2387

Parameters descrip:

532e

Sample rate: 125 62.5 Hz

Ch: 6

4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 11 19 162

08 00 00

UTC

Local: 00:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0089

B2 / East/West: MC 0071

Horizontal electrodes

White: WG-1032

Green: WG-1030

Black: WG-1181

Red: WG-1178

Compass S/N: Blackfin

Compass ON: 00:29 ☒

Compass flash: ☒

Strayline S/N: BFIN

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32331

Receive Frequency: 11.0

Option 1: 620475

Disable: 620456

Enable: 620433

Release 1: 634207

Release 2: 634224

On-anchor chk:

Primary V: 17.2

Off: ☒

Secondary V: 16.8

Off: ☒

Deployment

Date: 6/11

Time: 0850 UTC

Depth: 3810 m

Latitude: 53° 53.142'

Longitude: 159° 57.162

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/15

Acoustics Enabled @: 0756 UTC

Release acknowledge: 0821 UTC

Liftoff from seafloor @: 0826 UTC

ETA to surface @: 11:27 UTC

Time Sighted: ~ 1130

UTC Shift D @: 06 15 19 166

20 02 41

Tag: 0.058124

Are the seconds?

Lagging

or

in sync

Closing block number: 585968

Binary file name: 532e_blackfin.bin

Compass

Heading: 324.4

Pitch: 4.4

Roll: 1.3

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 533**MT MKIII**Instrument Number: 103Instrument Name: GoldfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16206 36 45Tag: 0.000 2363Parameters descrip: 533Sample rate: 12562.5 Hz # Ch: 4 X

Clock Drift Check: _____

ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16209 00 00

UTC

Local: 01:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0050B2 / East/West: MC0169

Horizontal electrodes

White: WG-1054Green: WG-1047Black: WG-1105Red: WG-1082Compass S/N: GoldfishCompass ON: 02:01Compass flash: ✓Strayline S/N: GFS14Strayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32345Receive Frequency: 16.0Option 1: 621726Disable: 621705Enable: 621674Release 1: 635177Release 2: 635215

On-anchor chk:

Primary V: 16.8Off: ✓Secondary V: 16.8Off: ✓**Deployment**Date: 6/11Time: 10:16 utcDepth: 3630 mLatitude: 53° 53.410Longitude: 160° 8.666

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/19Acoustics Enabled @: 23:00UTC XRelease acknowledge: 23:23Liftoff from seafloor @: 23:27UTC XETA to surface @: 2:16UTC XTime Sighted: 02:20

UTC Shift D @:

06 15 19 16611 02 20Tag: 0048130

Are the seconds?

Lagging

or

in sync ✓Closing block number: 531716Binary file name: 533-Goldfish**Compass**Heading: 317.6Pitch: 5.0Roll: 0.2**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 533a**MT MKIII**Instrument Number: 118Instrument Name: KikakapuCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16207 22 22Tag: 0.000 2368

Parameters descrip:

533aSample rate: 12562.5 Hz# Ch: 48Clock Drift Check: ☒ADC test OK: ☒Initialize the disk: ☒

Wake up date/time:

06 11 19 16210 00 00

UTC

Local: 02:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒**Pre-deployment**

Coils:

B1 / North/South: M0231B2 / East/West: M0032

Horizontal electrodes

White: W0123Green: W0492Black: W066Red: W0136Compass S/N: KikakapuCompass ON: 02:38Compass flash: ☒Strayline S/N: KIKAStrayline test: ☒Deck check performed: ☒**Acoustics**S/N: 33012Receive Frequency: 1Option 1: 312453Disable: 312436Enable: 312415Release 1: 33110VRelease 2: 331127

On-anchor chk:

Primary V: 16.6Off: ☒Secondary V: 16.6Off: ☒**Deployment**Date: 6/11Time: 10:53 UTCDepth: 3530 mLatitude: 53° 52.14Longitude: 160° 15.7

Arrival time on seafloor: _____

Acoustics disabled @: _____

RecoveryDate: 6/15

Acoustics Enabled @: _____

UTC

Release acknowledge: 0023Liftoff from seafloor @: 0027

UTC

ETA to surface @: 0315

UTC

Time Sighted: 0312

UTC Shift D @:

06 15 19 16612 01 54Tag: 0161450

Are the seconds?

Lagging

or

in sync

Closing block number: 531680Binary file name: 533a-kikakapu**Compass**Heading: 119.0Pitch: 0.3Roll: 7.0**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 5336

MT MKIII

Instrument Number: 135

Instrument Name: Hawkfish

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 169

07 03 45

Tag: 0.000 2376

Parameters descrip:

5336

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 11 19 162

10 00 00

UTC

Local: 02:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: 0096

B2 / East/West: 0033

Horizontal electrodes

White: WG-0785

Green: WG-0444

Black: WG-0489

Red: WG-0523

Compass S/N:

hawkfish

Compass ON: 02:22

Compass flash: ☒

Strayline S/N:

4FS14

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N:

32245

Receive Frequency: 11.0

Option 1: 612142

Disable: 612127

Enable: 612104

Release 1: 630044

Release 2: 630067

On-anchor chk:

Primary V: 17.2

Off: ☒

Secondary V: 16.8

Off: ☒

Deployment

Date: 6/11

Time: 10:33 utc

Depth: 3610 m

Latitude: 53°52.803

Longitude: 160°12.168

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/14

Acoustics Enabled @: 23:32

UTC

Release acknowledge: 23:52

Liftoff from seafloor @: 23:56

UTC

ETA to surface @: 2:46

UTC

Time Sighted: 0249

UTC Shift D @: 06 15 19 166

11 30 04

Tag: .0034076

Are the seconds?

Lagging

or

in sync

Closing block number: 528800

Binary file name: 5336-Hawkfish

Compass

Heading: 152.6

Pitch: -6.0

Roll: 0.7

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 533c**MT MKIII**Instrument Number: 1/5Instrument Name: FlounderCheckout 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: 4

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

061119162062117

Tag:

0.00024/2

Parameters descrip:

533c

Sample rate:

12562.5 Hz

Ch:

6/4

Clock Drift Check:

✓

ADC test OK:

✓

Initialize the disk:

✓

Wake up date/time:

061119162090000

UTC

Local:

01:00

Clock Drift Check:

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South:

MC 0157

B2 / East/West:

MC 0246

Horizontal electrodes

White:

WC-0863

Green:

WC-122

Black:

WC-0862

Red:

WC-0711

Compass S/N:

Flounder

Compass ON:

01:43

Compass flash:

✓

Strayline S/N:

XPD3

Strayline test:

✓

Deck check performed:

✓**Acoustics**

S/N:

30908

Receive Frequency:

11

Option 1:

173154

Disable:

171442

Enable:

171427

Release 1:

153416

Release 2:

153435

On-anchor chk:

Primary V:

17.2

Off:

✓

Secondary V:

17.2

Off:

✓**Deployment**

Date:

6/11

Time:

0958 utc

Depth:

3700 m

Latitude:

53° 54.007

Longitude:

160° 5.157

Arrival time on seafloor: _____

Acoustics disabled @:

on deck**Recovery**

Date:

6/15/19

Acoustics Enabled @:

0602

UTC

Release acknowledge:

0627

Liftoff from seafloor @:

0631

UTC

ETA to surface @:

0927

UTC

Time Sighted:

0924

UTC Shift D @:

061519166175604

Tag:

.0269355

Are the seconds?

Lagging

or

in sync

Closing block number:

569104

Binary file name:

533c - Flounder**Compass**

Heading:

322.9

Pitch:

-5.5

Roll:

6.8**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 533d

MT MKIII

Instrument Number: 116Instrument Name: GobyCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16206 01 02Tag: 0.000 2416

Parameters descrip:

533dSample rate: 125162.5Hz# Ch: 64Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

06 11 19 16208 00 00

UTC

Local: 00:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0079B2 / East/West: MC 0052

Horizontal electrodes

White: MC 0796Green: LG 0487Black: LG 0602Red: LG 0466Compass S/N: GobyCompass ON: 01:20Compass flash: ☒Strayline S/N: GobyStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 33001Receive Frequency: 11Option 1: 311400Disable: 311367Enable: 311344Release 1: 330343Release 2: 330360

On-anchor chk:

Primary V: 17.2Off: ☒Secondary V: 17.2Off: ☒

Deployment

Date: 6/11Time: 9:39 UTCDepth: 3666

m

Latitude: 53° 54.61Longitude: 160° 1.688

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/15/19Acoustics Enabled @: 0644

UTC

Release acknowledge: 0702Liftoff from seafloor @: 0706

UTC

ETA to surface @: 1000

UTC

Time Sighted: 1002UTC Shift D @: 06 15 19 16618 38 42Tag: 9855888

Are the seconds?

Lagging

or

in sync

Closing block number: 578376Binary file name: 533d - Goby

Compass

Heading: 358.1Pitch: 2.3Roll: 2.5

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 533e

MT MKIII

Instrument Number: 128

Instrument Name: Bocaccio

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

05 46 57

Tag: 0.000 2378

Parameters descrip: 533e

Sample rate: 125 Hz # Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: _____

Wake up date/time: 06 11 19 162

08 00 00

UTC Local: 00:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC 0069

B2 / East/West: MC 0267

Horizontal electrodes

White: WG-1112

Green: WG-1113

Black: WG-1115

Red: WG-1116

Compass S/N: Bocaccio

Compass ON: 00:53 L

Compass flash: ☒

Strayline S/N: BOCA

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32342

Receive Frequency: 11

Option 1: 621516

Disable: 621467

Enable: 621446

Release 1: 635025

Release 2: 635040

On-anchor chk:

Primary V: 17.2

Off: ☒

Secondary V: 17.4

Off: ☒

Deployment

Date: 6/11

Time: 09:18 utc

Depth: 3590 m

Latitude: 53° 55.222

Longitude: 159° 58.131

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/15

Acoustics Enabled @: 0723 UTC

Release acknowledge: 0747

Liftoff from seafloor @: 0751 UTC

ETA to surface @: 1039

Time Sighted: 1047

UTC Shift D @: 06 15 19 166

19 19 59

Tag: ,0037781

Are the seconds?

Lagging or in sync

Closing block number: 582108

Binary file name: 533e - Bocaccio

Compass

Heading: 259.5

Pitch: -5.1

Roll: -1.1

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 534

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: 4

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

07 38 25

Tag: 0.000 2372

Parameters descrip: 534

Sample rate: 125 62.5 Hz

Ch: 4

Clock Drift Check: ☒

ADC test OK: ☒

Initialize the disk: ☒

Wake up date/time:

06 11 19 162

11 00 00

UTC

Local: 03:00

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: WG 1166

Green: WG 1168

Black: WG 1167

Red: WG 1169

Compass S/N: Corbina

Compass ON: 02:58

Compass flash: ☒

Strayline S/N: CBNA

Strayline test: ☒

Deck check performed: ☒

Acoustics

S/N: 32350

Receive Frequency: 11.0

Option 1: 622315

Disable: 622264

Enable: 622247

Release 1: 635420

Release 2: 635445

On-anchor chk:

Primary V: 17.4

Off: ☒

Secondary V: 16.6

Off: ☒

Deployment

Date: 6/11

Time: 11:33 UTC

Depth: 3560 m

Latitude: 53° 55.471

Longitude: 160° 9.730

Arrival time on seafloor: _____

Acoustics disabled @: On deck

Recovery

Date: 6/14/19

Acoustics Enabled @: 18:48

2 UTC

Release acknowledge: 19:21

0

Liftoff from seafloor @: 19:25

2 UTC

ETA to surface @: 22:10

0 UTC

Time Sighted: _____

UTC Shift D @: 06 15 19 166

07 01 07

Tag: 0.9951902

Are the seconds?

Lagging

or

in sync

Closing block number: 499076

Binary file name: 534 Corbina.bin

Compass

Heading: 271.1

Pitch: 3.5

Roll: 0.4

Notes

19:10

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 535

MT MKIII

Instrument Number: 102

Instrument Name: Sculpin

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

08 27 08

Tag: 0.000 2466

Parameters descrip: 535

Sample rate: 125 62.5 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 11 19 162

11 00 00

UTC

Local:

03:00h

Clock Drift Check: ✓

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: _____

Pre-deployment

Coils:

B1 / North/South: MC0128

B2 / East/West: MC0233

Horizontal electrodes

White:

WG 1123

Green:

VG 1120

Black:

WG 1158

Red:

WG 1119

Compass S/N: Sculpin

Compass ON: 03:37

Compass flash: ✓

Strayline S/N: SCPIN

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 33005

Receive Frequency: 11.0

Option 1: 311724

Disable: 311707

Enable: 311676

Release 1: 330555

Release 2: 330576

On-anchor chk:

Primary V: 17.2

Off: ✓

Secondary V: 17.2

Off: ✓

Deployment

Date: 6/11

Time: 11:52

Depth: 3034

m

Latitude: 53° 57.547

Longitude: 160° 10.743

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/14/19

Acoustics Enabled @: 16:14

2 UTC

Release acknowledge: 18:35

Liftoff from seafloor @: 18:40

2 UTC

ETA to surface @: 21:06

Time Sighted: _____

UTC Shift D @: 06 15 19 166

06 09 56

Tag: 0.0053779

Are the seconds?

Lagging

or

in sync

Closing block number: 494452

Binary file name: 535-Sculpin.b

Compass

Heading: 187.7

Pitch: -12.8

Roll: 9.3

Notes

rough bathymetry

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 536

MT MKIII

Instrument Number: 137

Instrument Name: Lionfish

Checkout by: SN

Verified by: Mufasa

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 11 19 162

08 46 12

Tag: 0.000 2344

Parameters descrip: 536

Sample rate: 125 0.5 Hz

Ch: 8 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 11 19 162

12 00 00

UTC

Local: 04:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: 0101

B2 / East/West: 0099

Horizontal electrodes

White:

WG 0436

Green:

WG 0707

Black:

WG 0474

Red:

WG 0778

Compass S/N:

Lionfish

Compass ON: 0357

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:

16.8

Off:

✓

Secondary V:

16.8

Off:

✓

Deployment

Date:

6/11

Time:

12:11 UTC

Depth:

2770 m

Latitude:

53° 59.615

Longitude:

160° 11.791

Arrival time on seafloor: _____

Acoustics disabled @:

on deck

Recovery

Date:

6/11

Acoustics Enabled @:

17:39

UTC

Release acknowledge:

18:06

Liftoff from seafloor @:

18:10

UTC

ETA to surface @:

20:23

UTC

Time Sighted: _____

UTC Shift D @:

06 15 19 166

05 24 30

Tag:

0.0029421

Are the seconds?

Lagging

or

in sync

Closing block number:

484924

Binary file name:

536-Lionfish.bin

Compass

Heading:

101.8

Pitch:

-0.1

Roll:

5.7

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 537

MT MKIII

Instrument Number: 126

Instrument Name: Tarpon

Checkout by: SN

Verified by: Tarpoff

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 11 19 162 09 05 48 Tag: 0.000 2317

Parameters descrip: 537 Sample rate: 125 62.5 Hz # Ch: 4

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

Wake up date/time: 06 11 19 162 12 00 00 UTC Local: 04:00h

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

Pre-deployment

Coils: B1 / North/South: MC0197 B2 / East/West: MC0214

Horizontal electrodes White: SE-579 Green: SE-565 Black: SE-540 Red: SE-512

Compass S/N: Tarpon Compass ON: 04:16L Compass flash: ✓

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

Acoustics

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

Disable: 621252 Enable: 621237 Release 1: 634602 Release 2: 634621

On-anchor chk: Primary V: 15.6 Off: ✓ Secondary V: 16.6 Off: ✓

Deployment

Date: 6/11 Time: 12:51 UTC Depth: 2770 m

Latitude: 54° 1.966' Longitude: 160° 12.934'

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

Recovery

Date: 6/19 Acoustics Enabled @: 17:00 UTC

Release acknowledge: 17:00 Liftoff from seafloor @: 17:31 UTC

ETA to surface @: 19:44 UTC Time Sighted: _____

UTC Shift D @: 06 15 19 166 04 38 02 Tag: 0.9918637

Are the seconds? Lagging or in sync

Closing block number: 0480724 Binary file name: 537-Tarpon.bin

Compass

Heading: 333.4 Pitch: 11.9 Roll: 1.2

Notes

moved drop point 300 m NW along line.
550

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 537a**MT MKIII**Instrument Number: 107Instrument Name: BluefinCheckout by: SNVerified by: toro**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
configurationCh. 1 BXCh. 2 BYCh. 3 EXCh. 4 EY

Synch with GPS @:

06 11 19 16210 09 21Tag: 0.000 2373Parameters descrip: 357aSample rate: 125 ^{62.5} Hz # Ch: 8 ⁴Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16213 00 00

UTC

Local:

05:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG-1137Green: WG-1138Black: WG-1067Red: WG-1140

Compass S/N:

Bluefin

Compass ON:

0455Compass flash: ✓

Strayline S/N:

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

S/N:

32257

Receive Frequency:

11.0

Option 1:

613274

Disable:

613257

Enable:

613232

Release 1:

630652

Release 2:

630671

On-anchor chk:

Primary V:

16.8Off: ✓

Secondary V:

16.8Off: ✓**Deployment**

Date:

6/11

Time:

13:11 UTC

Depth:

2030

m

Latitude:

54° 3.896'

Longitude:

160° 13.879'

Arrival time on seafloor: _____

Acoustics disabled @: _____

Recovery

Date:

6/14

Acoustics Enabled @:

17:40

UTC

Release acknowledge:

17:50

Liftoff from seafloor @:

15:00

UTC

ETA to surface @:

16:38

UTC

Time Sighted: _____

UTC Shift D @:

06 15 19 16601 09 02

Tag:

0.9799953

Are the seconds?

Lagging

or

in sync

Closing block number:

456420

Binary file name:

537a - Bluefin.bin**Compass**

Heading:

349.7

Pitch:

6.6

Roll:

-30.4**Notes**moved drop point 300 m NW along line.

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 537b**MT MKIII**Instrument Number: 106Instrument Name: WhitfishCheckout 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: _____

GB

Channel configuration

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

Synch with GPS @:

06 11 19 16210 22 23Tag: 0.000 2337

Parameters descrip:

537bSample rate: 125 Hz62.5# Ch: 64Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16213 00 00

UTC

Local:

05:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG-1058Green: WG-1061Black: WG-1059Red: WG-1087Compass S/N: W4F5hCompass ON: 0515 eCompass flash: ✓Strayline S/N: WFSHStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33022Receive Frequency: 11.0Option 1: 313424Disable: 313407Enable: 313360Release 1: 331606Release 2: 331625

On-anchor chk:

Primary V: 16.8Off: ✓Secondary V: 16.6Off: ✓**Deployment**Date: 6/11Time: 13:30 utcDepth: 1840 mLatitude: 54° 5.819Longitude: 160° 14.858

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/11Acoustics Enabled @: 19:11

UTC

Release acknowledge: 19:23Liftoff from seafloor @: 14:28

UTC

1:29ETA to surface @: 15:57

UTC

Time Sighted: _____

UTC Shift D @:

06 15 19 16600 29 16Tag: 0.9707013

Are the seconds?

Lagging

or

in sync

Closing block number: 452828Binary file name: 537b-Whitfish.bin**Compass**Heading: 90Pitch: -2.9Roll: 9.8**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 537c**MT MKIII**Instrument Number: 120Instrument Name: NiuhCheckout 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: _____

GB

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

Synch with GPS @:

06 11 19 16210 32 49Tag: 0.000 2374

Parameters descrip:

537cSample rate: 125 Hz62.5# Ch: 84Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16214 00 00

UTC

Local: 06:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: WG1064Green: WG1069Black: WG1121Red: WG1068Compass S/N: NiuhCompass ON: 05:340Compass flash: ✓Strayline S/N: NiuhStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33007Receive Frequency: 11.0Option 1: 312075Disable: 312056Enable: 312033Release 1: 330652Release 2: 330671

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.8Off: ✓**Deployment**Date: 6/11Time: 13:50Depth: 1680 mLatitude: 54° 7.897Longitude: 160° 15.933

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/14Acoustics Enabled @: 13:16

UTC

Release acknowledge: 21:3213:32Liftoff from seafloor @: 13:32

UTC

ETA to surface @: 15:09

UTC

Time Sighted: _____

UTC Shift D @:

06 14 19 16523 59 21Tag: 29973512

Are the seconds?

Lagging

or

in sync

Closing block number: 444700Binary file name: 537c-Niuhi.bin**Compass**Heading: 32.7Pitch: 14.1Roll: 5.3**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 538

MT MKIII

Instrument Number: 132Instrument Name: BonfishCheckout 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: _____ GB

Channel configuration Ch. 1 BX Ch. 2 BY Ch. 3 EX Ch. 4 EYSynch with GPS @: 06 11 19 162 10 46 15 Tag: 0.000 2378Parameters descrip: 538 Sample rate: 125 62.5 Hz # Ch: 84Clock Drift Check: ✓ ADC test OK: ✓ Initialize the disk: ✓Wake up date/time: 06 11 19 162 14 00 00 UTC Local: 06:00hClock Drift Check: _____ Begin (time cntng): ✓ End text capture: _____ Dessicant/Purge: ✓

Pre-deployment

Coils: B1 / North/South: MC0013 B2 / East/West: MC0112Horizontal electrodes White: WG-1022 Green: WG-1025 Black: WG-1023 Red: WG-1024Compass S/N: Bonfish Compass ON: 05:54 L Compass flash: ✓Strayline S/N: BFSH Strayline test: ✓ Deck check performed: ✓

Acoustics

S/N: 32326 Receive Frequency: 11.0 Option 1: 620070Disable: 620053 Enable: 620036 Release 1: 633753 Release 2: 633770On-anchor chk: Primary V: 16.8 Off: ✓ Secondary V: 16.8 Off: ✓

Deployment

Date: 6/11 Time: 14:15 UTC Depth: 1270 mLatitude: 54° 09.956 Longitude: 160° 16.927Arrival time on seafloor: _____ Acoustics disabled @: on deck

Recovery

Date: 6/14 Acoustics Enabled @: 1123 L UTCRelease acknowledge: 1134 Liftoff from seafloor @: 1138 UTCETA to surface @: 1241 UTC Time Sighted: _____disabled acoustics UTC Shift D @: 06 14 19 165 21 08 24 Tag: 0.9950853

Are the seconds? Lagging or in sync

Closing block number: 0429164 Binary file name: 538-Bonfish.binCompass Heading: 180.6 Pitch: -3.8 Roll: 2.5

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 538a

MT MKIII

Instrument Number: 112

Instrument Name: Ballyhoo

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

12 00 38

Tag: 0.000 2395

Parameters descrip: 538a

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 11 19 162

15 00 00

UTC

Local: 07:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils: _____

B1 / North/South: ML 0068

B2 / East/West: ML 0189

Horizontal electrodes

White: WG 1026

Green: WG 1027

Black: WG 1139

Red: WG 1149

Compass S/N: Ballyhoo

Compass ON: 06:18 L

Compass flash: ✓

Strayline S/N: SPR3

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 33013

Receive Frequency: 11.0

Option 1: 312522

Disable: 312501

Enable: 312470

Release 1: 331142

Release 2: 331161

On-anchor chk: _____

Primary V: 16.2

Off: ✓

Secondary V: 16.6

Off: ✓

Deployment

Date: 6/11

Time: 14:41 UTC

Depth: 860 m

Latitude: 54° 12.023

Longitude: 160° 17.965

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/14/19

Acoustics Enabled @: 1050 L

UTC

Release acknowledge: 11:04 L

Liftoff from seafloor @: 1108

UTC

ETA to surface @: 1150

UTC

Time Sighted: _____

UTC Shift D @: 06 14 19 165

20 24 31

Tag: 0.0079521

Are the seconds?

Lagging

or

in sync

Closing block number: 0419776

Binary file name: 538a-Ballyhoo.bin

Compass

Heading: 288.8

Pitch: 4.4

Roll: 1.6

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 538b

MT MKIII

Instrument Number: 131

Instrument Name: Angelfish

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 11 19 162

12 49 27

Tag: 0.000 2352

Parameters descrip: 538b

Sample rate: 125 Hz

Ch: 84

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 11 19 162

15 00 00 UTC

Local: 07:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils: _____

B1 / North/South: MC0124

B2 / East/West: MC0278

Horizontal electrodes

White: WG-0470

Green: WG-0518

Black: WG-0440

Red: WG-0521

Compass S/N: Angelfish

Compass ON: 06482

Compass flash: ✓

Strayline S/N: AFSH

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32268

Receive Frequency: 11.0

Option 1: 614306

Disable: 614277

Enable: 614254

Release 1: 631415

Release 2: 631436

On-anchor chk: _____

Primary V: 16.6

Off: ✓

Secondary V: 16.6

Off: ✓

Deployment

Date: 6/11

Time: 15:06 utc

Depth: 610 m

Latitude: 54° 14.100

Longitude: 160° 18.970

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/14/19

Acoustics Enabled @: 09082

UTC

Release acknowledge: 0922 f

Liftoff from seafloor @: 0926

UTC

ETA to surface @: 0956 f

UTC

Time Sighted: 0956

UTC Shift D @: 06 14 19 165

18 34 59

Tag: 0094274

Are the seconds?

Lagging

or

in-sync

Closing block number: 409880

Binary file name: _____

Compass

Heading: 346.2

Pitch: 2.9

Roll: -0.1

Notes

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 538c

MT MKIII

Instrument Number: 136Instrument Name: KingfishCheckout 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 @:

061119162130255

Tag: 0.000

2409Parameters descrip: 538cSample rate: 125

Hz

Ch: 84Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓Wake up date/time: 061119162160000

UTC

Local: 08:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC0173B2 / East/West: MC0028

Horizontal electrodes

White: MC0486Green: MC0473Black: MC0821Red: MC0791Compass S/N: KingfishCompass ON: 07:10Compass flash: ✓Strayline S/N: KEFHStrayline test: ✓Deck check performed: ✓

Acoustics

S/N: 31194Receive Frequency: 11.0Option 1: 437442Disable: 437421Enable: 437404Release 1: 435347Release 2: 435364

On-anchor chk:

Primary V: 17.4Off: ✓Secondary V: 17.2Off: ✓

Deployment

Date: 6/11Time: 15:55 utcDepth: 435

m

Latitude: 54° 16.170Longitude: 160° 20.012

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/14/19Acoustics Enabled @: 08002 UTCRelease acknowledge: 08:12Liftoff from seafloor @: 08:162 UTCETA to surface @: 08:382 UTCTime Sighted: 8:36UTC Shift D @: 061419165170207Tag: .4776202

Are the seconds?

Lagging

or

in sync

Closing block number: 396068

Binary file name: _____

Compass

Heading: 335.8Pitch: 4.2Roll: 1.2

Notes

mult. attempts for after codes on deck

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 539**MT MKIII**Instrument Number: 130Instrument Name: RockhindCheckout 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 11 19 16213 21 10Tag: 0.000 2432Parameters descrip: 539Sample rate: 12562.5 Hz# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 11 19 16216 00 00

UTC

Local: 08:00h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0241B2 / East/West: MC0004

Horizontal electrodes

White: WG-0637Green: WG-0431Black: WG-0682Red: WG-0882Compass S/N: RockhindCompass ON: 07:59Compass flash: ✓Strayline S/N: RockhindStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32265Receive Frequency: 11.0Option 1: 614064Disable: 614047Enable: 614022Release 1: 631245Release 2: 631266

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.6Off: ✓**Deployment**Date: 6/11Time: 16:14Depth: 200

m

Latitude: 54° 18.239Longitude: 160° 21.052

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/14/19Acoustics Enabled @: 06:272 UTCRelease acknowledge: 06:39Liftoff from seafloor @: 06:432 UTCETA to surface @: 06:53

UTC

Time Sighted: _____

UTC Shift D @:

06 14 19 16515 32 40Tag: .0018075

Are the seconds?

Lagging

or

in sync

Closing block number: 387984

Binary file name: _____

CompassHeading: 326.6Pitch: 3.8Roll: 0.3**Notes**

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8Survey ID: shelfSite ID: 539**MT MKIII**Instrument Number: 115Instrument Name: FlounderCheckout by: SNVerified 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:

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16813 30 57Tag: 0.000 2352

Parameters descrip:

539

Sample rate:

125 62.5 Hz

Ch:

8 4

Clock Drift Check:

✓

ADC test OK:

✓

Initialize the disk:

✓

Wake up date/time:

06 17 19 16815 00 00

UTC

Local:

0700h

Clock Drift Check:

Begin (time cntng):

✓

End text capture:

Dessicant/Purge:

✓**Pre-deployment**

Coils:

B1 / North/South: MC 0157

B2 / East/West:

MC 0246

Horizontal electrodes

White:

WG 0863

Green:

WG 122

Black:

WG 0862

Red:

WG 0711

Compass S/N:

Flounder

Compass ON:

06:37 L

Compass flash:

✓

Strayline S/N:

XPD3

Strayline test:

✓

Deck check performed:

✓**Acoustics**

S/N:

30908

Receive Frequency:

11.0

Option 1:

173154Disable: 171442Enable: 171427

Release 1:

153416

Release 2:

153435

On-anchor chk:

Primary V:

16.8

Off:

✓

Secondary V:

16.6

Off:

✓**Deployment**

Date:

6/17

Time:

1501 utc

Depth:

203 m

Latitude:

54° 18.238

Longitude:

160° 21.046

Arrival time on seafloor:

Acoustics disabled @:

en deck**Recovery**

Date:

6/21/19

Acoustics Enabled @:

0432 L UTC

Release acknowledge:

0440

Liftoff from seafloor @:

0444 UTC

ETA to surface @:

0459 UTC

Time Sighted:

0451

UTC Shift D @:

06 21 19 17213 15 06

Tag:

0224115

Are the seconds?

Lagging

or

in sync

Closing block number:

50511184

Binary file name:

539-Flounder**Compass**

Heading:

324.6

Pitch:

3.0

Roll:

1.1**Notes**currents 1.4kts 238 deg @ deployment

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 539a

MT MKIII

Instrument Number: 121

Instrument Name: Opah

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

13 51 38

Tag: 0.000 2381

Parameters descrip: 539a

Sample rate: 125 Hz

Ch: 84

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 17 19 168

15 00 00 UTC

Local: 0700h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils: _____

B1 / North/South: MC 0281

B2 / East/West: MC 0034

Horizontal electrodes

White: W-075

Green: W-075

Black: W-033

Red: W-034

Compass S/N: Opah

Compass ON: 07:05L

Compass flash: ✓

Strayline S/N: OPAH

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32277

Receive Frequency: 11.0

Option 1: 61562

Disable: 615141

Enable: 615124

Release 1: 632060

Release 2: 632111

On-anchor chk: _____

Primary V: 17.2

Off: ✓

Secondary V: 17.2

Off: ✓

Deployment

Date: 6/17

Time: 1527 utc

Depth: 127 m

Latitude: 54°20.308

Longitude: 160°23.108

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 0518 UTC

Release acknowledge: 0529L

Liftoff from seafloor @: 0533 UTC

ETA to surface @: 0539 UTC

Time Sighted: 0538

UTC Shift D @: 06 21 19 172

14 06 07

Tag: 4823021

Are the seconds?

Lagging

or

in sync

Closing block number: 518796

Binary file name: 539a-Opah

Compass

Heading: 106.9

Pitch: 0.6

Roll: 2.6

Notes

currents: 1.3kts, 245°
@ deploy

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 539b**MT MKIII**Instrument Number: 141Instrument Name: BonitoCheckout 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: _____

GB

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

Synch with GPS @:

06 17 19 16814 01 53Tag: 0.000 2321Parameters descrip: 539bSample rate: 125 Hz62.5# Ch: 8Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16816 00 00

UTC

Local: 0800h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: 0207B2 / East/West: 0115

Horizontal electrodes

White: WG-0641Green: WG-0648Black: WG-390Red: WG-116Compass S/N: BonitoCompass ON: 07:53Compass flash: ✓Strayline S/N: BNTDStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32292Receive Frequency: 11.0Option 1: 616517Disable: 616466Enable: 616445Release 1: 633051Release 2: 633072

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.6Off: ✓**Deployment**Date: 6/17Time: 1607 utcDepth: 138 mLatitude: 54° 22.378Longitude: 160° 23.143

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/21/19Acoustics Enabled @: 0612UTCRelease acknowledge: 0623? 0624Liftoff from seafloor @: 0627UTCETA to surface @: 0633

UTC

Time Sighted: 0634UTC Shift D @: 06 21 19 17214 58 54Tag: .0075424

Are the seconds?

Lagging

or

in sync

Closing block number: 515140Binary file name: 539b-Bonito**Compass**Heading: 77.0Pitch: 0.3Roll: 0.7**Notes**currents : 1.0 kts @ 211°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 539c

MT MKIII

Instrument Number: 101

Instrument Name: Garibaldi

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

14 12 32

Tag: 0.000 2372

Parameters descrip: 539c

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 17 19 168

16 00 00

UTC

Local: 0800h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC 0026

B2 / East/West: MC 0078

Horizontal electrodes

White: E-292

Green: E-170

Black: E-102

Red: E-234

Compass S/N:

Garibaldi

Compass ON: 08:10

Compass flash: ✓

Strayline S/N:

GBD7

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 31443

Receive Frequency: 11.0

Option 1: 476211

Disable: 476173

Enable: 476150

Release 1: 452404

Release 2: 452427

On-anchor chk:

Primary V: 16.6

Off: ✓

Secondary V: 16.6

Off: ✓

Deployment

Date: 6/17

Time: 1628 utc

Depth: 137 m

Latitude: 54° 24.441

Longitude: 160° 24.200

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 0705 UTC

Release acknowledge: 07:37 ✓

Liftoff from seafloor @: 07:41 UTC

ETA to surface @: 07:48 UTC

Time Sighted: 07:47

UTC Shift D @: 06 21 19 172

16 14 10

Tag: 29833062

Are the seconds?

Lagging or in sync

Closing block number: 521944

Binary file name: 539c_Garibaldi

Compass

Heading: 88.3

Pitch: 0.5

Roll: -0.1

Notes

currents: 0.5 kts @ 216°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 540a

MT MKIII

Instrument Number: 135

Instrument Name: Hawkfish

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 17 19 168 14 29 46 Tag: 0.000 2426

Parameters descrip: 540a Sample rate: 125 ^{62.5} Hz # Ch: 4

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

Wake up date/time: 06 17 19 168 16 30 00 UTC Local: 0830h

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

Pre-deployment

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

Horizontal electrodes White: WG 0785 Green: WG 0444 Black: WG 0489 Red: WG 0523

Compass S/N: Hawkfish Compass ON: 08:52 L Compass flash: ✓

Strayline S/N: HF514 Strayline test: ✓ Deck check performed: ✓

Acoustics

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

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

On-anchor chk: Primary V: 16.9 Off: ✓ Secondary V: 16.6 Off: ✓

Deployment

Date: 6/17 Time: 1710 UTC Depth: 147 m

Latitude: 54° 28.578 Longitude: 160° 26.278

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

Recovery

Date: 6/21 Acoustics Enabled @: 0901 UTC

Release acknowledge: 0910 L Liftoff from seafloor @: 0914 L UTC

ETA to surface @: 0921 L UTC Time Sighted: 0920

UTC Shift D @: 06 21 19 172 17 42 41 Tag: .0046050

Are the seconds? Lagging or in sync

Closing block number: 527232 Binary file name: 540a-Hawkfish

Compass

Heading: 104.1 Pitch: -1.7 Roll: 1.0

Notes currents: 0.5 kts 180°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 5406

MT MKIII

Instrument Number: 103

Instrument Name: Goldfish

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168 14 40 19

Tag: 0.000 2355

Parameters descrip:

5406

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 17 19 168 17 00 00

UTC

Local: 0900h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC 0050

B2 / East/West: MC 0169

Horizontal electrodes

White: WG-1054

Green: WG-1047

Black: WG-1105

Red: WG-1082

Compass S/N:

Goldfish

Compass ON: 09:13

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: 16.2

Off: ✓

Secondary V: 16.2

Off: ✓

Deployment

Date: 6/17

Time: 1730utc

Depth: 146 m

Latitude: 54° 30.678

Longitude: 160° 27.343

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 0947L UTC

Release acknowledge: 09:55

Liftoff from seafloor @: 0959L UTC

ETA to surface @: 10:06

Time Sighted: 16:06

UTC Shift D @:

06 21 19 172

18 47 57

Tag: .0090233

Are the seconds?

Lagging or in sync

Closing block number: 530416

Binary file name: 5406-Goldfish

Compass

Heading: 150.7

Pitch: -1.3

Roll: 4.6

Notes

currents: 0.9 kts @ 281° 0.3 kts @ 166°
Load acoustics on recovery!

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 540c

MT MKIII

Instrument Number: 113

Instrument Name: Corbina

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

14 51 36

Tag: 0.000 2254

Parameters descrip: 540c

Sample rate: 125 62.5 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 17 19 168

17 00 00

UTC

Local: 0900h

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: WG-1173*

Green: WG-1175*

Black: WG-1167

Red: WG-1168

Compass S/N: Corbina

Compass ON: 09:32 L

Compass flash: ✓

Strayline S/N: CBNA

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32350

Receive Frequency: 11.0

Option 1: 6223i5

Disable: 622264

Enable: 622247

Release 1: 635420

Release 2: 635445

On-anchor chk:

Primary V: 16.8

Off: ✓

Secondary V: 16.8

Off: ✓

Deployment

Date: 6/17

Time: 1755

Depth: 140 m

Latitude: 54° 32.713

Longitude: 160° 28.414

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 10:53 L

UTC

Release acknowledge: 11:00 L

Liftoff from seafloor @: 11:09 L

UTC

ETA to surface @: 11:10

UTC

Time Sighted: 11:10 L

UTC Shift D @: 06 21 19

172

19 46 16

Tag: 29977621

Are the seconds?

Lagging

or

in sync

Closing block number: 535688

Binary file name: 540c-Corbina

Compass

Heading: 297.3

Pitch: -0.1

Roll: 0.7

Notes

currents: 0.3 kts @ 286° (high tide)

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 540

MT MKIII

Instrument Number: 118

Instrument Name: kikakapu

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

21 11

Tag: 0.000 2315

Parameters descrip: 540

Sample rate: 125 Hz

Ch: 24

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 17 19 168

16 30 00

UTC

Local:

0830h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC 0231

B2 / East/West: MC 0032

Horizontal electrodes

White: WG-123

Green: WG-1066

Black: WG-1066

Red: WG-1136

Compass S/N: Kikakapu

Compass ON: 08:31

Compass flash: ✓

Strayline S/N: KIKA

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 33012

Receive Frequency: 11.0

Option 1: 312453

Disable: 312436

Enable: 312415

Release 1: 331104

Release 2: 331127

On-anchor chk:

Primary V: 16.4

Off: ✓

Secondary V: 16.2

Off: ✓

Deployment

Date: 6/17

Time: 1649 utc

Depth: 140

m

Latitude: 54°26.499

Longitude: 160°25.237

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 0815

UTC

Release acknowledge: 0829X

Liftoff from seafloor @: 0828

UTC

ETA to surface @: 08:37

UTC

Time Sighted: 0835

UTC Shift D @: 06 21 19 172

16 57 08

Tag: 00196608

Are the seconds?

Lagging

or

in sync

Closing block number: 523116

Binary file name: 540.kikakapu

Compass

Heading: 58.2

Pitch: 1.2

Roll: -0.5

Notes

currents: 0.7kts @ 217°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8Survey ID: shelfSite ID: 541**MT MKIII**Instrument Number: 102Instrument Name: SculpinCheckout 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: _____

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16815 19 29Tag: 0.000 2473Parameters descrip: 541Sample rate: 125 HzX 62.5# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16818 00 00

UTC

Local: 1000h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC028B2 / East/West: MC0233

Horizontal electrodes

White: WB-1123Green: WB-1120Black: UG-1158Red: WB-1119Compass S/N: SculpinCompass ON: 09:59 LCompass flash: ✓Strayline S/N: SCPNStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 33005Receive Frequency: 11.0Option 1: 311724Disable: 311707Enable: 311676Release 1: 330555Release 2: 330576

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.2Off: ✓**Deployment**Date: 6/17Time: 18:24Depth: 132 mLatitude: 54° 34.765Longitude: 160° 29.463

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/21/19Acoustics Enabled @: 1150 L

UTC

Release acknowledge: 1158 LLiftoff from seafloor @: 1702 L

UTC

ETA to surface @: 1708 L

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17220 25 50Tag: 0.0117302

Are the seconds?

Lagging

or

in sync

Closing block number: 533840Binary file name: 541_Sculpin.bin**Compass**Heading: 48.2Pitch: 2.3Roll: 6.5**Notes**currents: 0.8 kts @ 254°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 541a

MT MKIII

Instrument Number: 137

Instrument Name: Lionfish

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168 16 16 47

Tag: 0.000 2358

Parameters descrip: 541a

Sample rate: 125 Hz

Ch: 64

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 17 19 168

18 00 00

UTC

Local: 1000h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils: _____

B1 / North/South: MC0101

B2 / East/West: MC0099

Horizontal electrodes

White: WG-0436

Green: WG-0707

Black: WG-0471

Red: WG-0778

Compass S/N: Lionfish

Compass ON: 10:27L

Compass flash: ✓

Strayline S/N: LF5H

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: 16.6

Off: ✓

Secondary V: 16.6

Off: ✓

Deployment

Date: 6/17

Time: 1848 utc

Depth: 118 m

Latitude: 54° 36.847

Longitude: 160° 30.500

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21/19

Acoustics Enabled @: 12:32

UTC

Release acknowledge: 12:40

Liftoff from seafloor @: _____

UTC

ETA to surface @: _____

UTC

Time Sighted: DISMISSED

UTC Shift D @: 06 21 19 172

21 07 01

Tag: 0.0026410

Are the seconds? Lagging or in sync

Closing block number: 537564

Binary file name: 541a-Lionfish.bin

Compass

Heading: 54.3

Pitch: -0.5

Roll: -1.9

Notes

currents: 0.3 kts @ 271°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 5416**MT MKIII**Instrument Number: 126Instrument Name: TarponCheckout 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: _____

GB

Channel configuration

Ch. 1

BX

Ch. 2

BY

Ch. 3

EX

Ch. 4

EY

Synch with GPS @:

061719168163619

Tag:

0.000 2300

Parameters descrip:

5416

Sample rate:

125

Hz

Ch:

8Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

061719168190000

UTC

Local:

1100h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White:

SE 579

Green:

SE 565

Black:

SE 540

Red:

SE 512

Compass S/N:

Tarpon

Compass ON:

10:49 lCompass flash: ✓

Strayline S/N:

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

S/N:

32339

Receive Frequency:

11.0

Option 1:

621271

Disable:

621252

Enable:

621237

Release 1:

634602

Release 2:

634621

On-anchor chk:

Primary V:

16.8Off: ✓

Secondary V:

16.8Off: ✓**Deployment**

Date:

6/17

Time:

19:16 UTC

Depth:

105 m

Latitude:

54° 38.918

Longitude:

160° 31.565

Arrival time on seafloor: _____

Acoustics disabled @:

on deck**Recovery**

Date:

6/21

Acoustics Enabled @:

13:11

UTC

Release acknowledge:

13:20

Liftoff from seafloor @:

13:29

UTC

ETA to surface @:

13:29

UTC

Time Sighted: _____

UTC Shift D @:

062119172214927

Tag:

0.996160

Are the seconds?

Lagging

or

in sync

Closing block number:

535976

Binary file name:

5416-Tarpon**Compass**

Heading:

19.4

Pitch:

0.5

Roll:

-1.0**Notes**currents: 0.3 kts @ 319°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 541c**MT MKIII**Instrument Number: 107Instrument Name: BluefinCheckout 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: _____

GB

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

Synch with GPS @:

06 17 19 16816 57 00Tag: 0.000 2350Parameters descrip: 541cSample rate: 125 Hz# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16819 00 00

UTC

Local: 1100h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

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

Horizontal electrodes

White: 66-1137Green: 66-1138Black: 66-1067Red: 66-1140Compass S/N: BluefinCompass ON: 11:18LCompass flash: ✓Strayline S/N: BLFNStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32257Receive Frequency: 11.0Option 1: 613274Disable: 613257Enable: 613232Release 1: 630652Release 2: 630671

On-anchor chk:

Primary V: 16.2Off: ✓Secondary V: 16.2Off: ✓**Deployment**Date: 6/17Time: 1940UTCDepth: 106 mLatitude: 54° 40.981Longitude: 160° 32.620

Arrival time on seafloor: _____

Acoustics disabled @: on deck**Recovery**Date: 6/21Acoustics Enabled @: 13:51LUTC ✓Release acknowledge: 13:56LLiftoff from seafloor @: 17:03

UTC

ETA to surface @: 17:08

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17222 24 15Tag: 0.9806800

Are the seconds?

Lagging

or

in sync

Closing block number: 539120Binary file name: 541c_Bluefin.bin**Compass**Heading: 89.5Pitch: 1.2Roll: 1.6**Notes**currents = 0.4 kts @ 3140Has EXTRA ELECTRODE PAIR (w/g)

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 542

MT MKIII

Instrument Number: 106Instrument Name: WhitfishCheckout 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: _____

GB

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

Synch with GPS @:

06 17 19 16817 33 43Tag: 0.000 2396Parameters descrip: 542Sample rate: 125 ^{62.5} Hz# Ch: 8 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16819 30 00

UTC

Local: 1130h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

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

Horizontal electrodes

White: WG-1058Green: WG-1058Black: WG-1059Red: WG-1087Compass S/N: WhitfishCompass ON: 11:42LCompass flash: ✓Strayline S/N: WFSHStrayline test: ✓Deck check performed: ✓

Acoustics

S/N: 33022Receive Frequency: 11.0Option 1: 313424Disable: 313407Enable: 313360Release 1: 331606Release 2: 331625

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.6Off: ✓

Deployment

Date: 06/17/19Time: 20:04Depth: 100 mLatitude: 54°43.059Longitude: 160°33.621

Arrival time on seafloor: _____

Acoustics disabled @: on deck

Recovery

Date: 6/21Acoustics Enabled @: 14:22

UTC

Release acknowledge: 14:32

Liftoff from seafloor @: _____

UTC

ETA to surface @: _____

UTC

Time Sighted: _____

UTC Shift D @:

06 21 19 17222 59 40Tag: 0.92/4927

Are the seconds?

Lagging

or

in sync

Closing block number: 539608Binary file name: 542-Whitfish.bin

Compass

Heading: 86.5Pitch: 0.4Roll: 0.8

Notes

4.7 min
currents: 0.6kts @ 314°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 543

MT MKIII

Instrument Number: 120

Instrument Name: Niuh

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: _____

GB

Channel configuration

Ch. 1 BX

Ch. 2 BY

Ch. 3 EX

Ch. 4 EY

Synch with GPS @:

06 17 19 168

18 03 33

Tag: 0.000 2373

Parameters descrip: 543

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time:

06 17 19 168

19 30 00

UTC

Local: 1130h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MCO230

B2 / East/West: MCO219

Horizontal electrodes White:

Green:

Black:

Red:

Compass S/N: Niuh

Compass ON: 12:05 L

Compass flash: ✓

Strayline S/N: NIHI

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 33007

Receive Frequency: 11 kHz

Option 1: 312075

Disable: 312056

Enable: 312033

Release 1: 330652

Release 2: 330671

On-anchor chk:

Primary V: 16.8

Off: ✓

Secondary V: 16.8

Off: ✓

Deployment

Date: 17 June 2019 (local time): 20:25

Depth: 114 m

Latitude: 54°45.12'

Longitude: 160°34.753

Arrival time on seafloor: _____

Acoustics disabled @: 12:15 L (20:21 UTC)

Recovery

Date: 6/21

Acoustics Enabled @: 15:07 2 UTC

Release acknowledge: 15:10 2

Liftoff from seafloor @: 2 UTC

ETA to surface @: 15:19 UTC

Time Sighted: _____

UTC Shift D @: 06 21 19 172

23 33 53

Tag: 0.9961255

Are the seconds?

Lagging

or

in sync

Closing block number: 542700

Binary file name: 543_Niuhj.bin

Compass

Heading: 79.1

Pitch: 1.5

Roll: 1.8

Notes

currents: 0.9 kts @ 305°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 544

MT MKIII

Instrument Number: 132Instrument Name: BonafishCheckout 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: _____

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16818 32 34Tag: 0.000 2411

Parameters descrip:

544Sample rate: 125 Hz67.5# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16820 00 00

UTC

Local: 1200h

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: BonafishCompass ON: 12:27Compass flash: ✓Strayline S/N: BFSHStrayline test: ✓Deck check performed: ✓

Acoustics

S/N: 32326Receive Frequency: 11kHzOption 1: 620070Disable: 620053Enable: 620036Release 1: 633753Release 2: 63370 633770

On-anchor chk:

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

Deployment

Date: 17 June 2019 (L-UTC)Time: 12:47L 20:47UTCDepth: 110.90 mLatitude: 54° 47.182' NLongitude: 160° 35.781' W

Arrival time on seafloor: _____

Acoustics disabled @: 12:40L (20:40 UTC)

Recovery

Date: 6/21Acoustics Enabled @: 15:38

UTC

Release acknowledge: 15:44

Liftoff from seafloor @: _____

UTC

ETA to surface @: _____

UTC

Time Sighted: _____

UTC Shift D @:

06 22 19 17300 10 54Tag: 0.0010597

Are the seconds?

Lagging

or

in syncClosing block number: 54336Binary file name: 544-Bonafish.bin

Compass

Heading: 72.8Pitch: 0.7Roll: 2.6

Notes

Surface Current: 1.0 knots, 306°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 545

MT MKIII

Instrument Number: 112Instrument Name: BallyhooCheckout 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: _____

GB

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

Synch with GPS @:

06 17 19 16818 57 48Tag: 0.000 2403Parameters descrip: 545Sample rate: 125 Hz# Ch: 4Clock Drift Check: ✓ADC test OK: ✓Initialize the disk: ✓

Wake up date/time:

06 17 19 16820 00 00

UTC

Local:

1200h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils:

B1 / North/South: MC 0068B2 / East/West: MC 0189Horizontal electrodes White:Green:Black:Red:Compass S/N: BallyhooCompass ON: 12:51 LCompass flash: ✓Strayline S/N: SPR3Strayline test: ✓Deck check performed: ✓

Acoustics

S/N: 33013Receive Frequency: 11kHzOption 1: 312522Disable: 312501Enable: 312470Release 1: 331142Release 2: 331161

On-anchor chk:

Primary V: 16.6Off: ✓Secondary V: 16.6Off: ✓

Deployment

Date: 17 June 2019 (L-UTC)Time: 21:12Depth: 103 mLatitude: 54° 49.252Longitude: 160° 36.932

Arrival time on seafloor: _____

Acoustics disabled @: 13:00 L (21:00 UTC)

Recovery

Date: 6/21Acoustics Enabled @: 16:20

UTC

Release acknowledge: ✓

Liftoff from seafloor @: _____

UTC

ETA to surface @: 16:29

UTC

Time Sighted: _____

UTC Shift D @:

06 22 19 17300 46 26Tag: 0.0134468

Are the seconds?

Lagging

or

in syncClosing block number: 546544Binary file name: 545-Ballyhoo.bin

Compass

Heading: 59.5Pitch: 0.3Roll: 1.7

Notes

Current: 0.8 Kts @ 304°

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: -8

Survey ID: _____

Site ID: 546

MT MKIII

Instrument Number: 131

Instrument Name: Angelfish

Checkout by: SN

Verified by: [Signature]

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 17 19 168

19 24 20

Tag: 0.000 2421

Parameters descrip: 546

Sample rate: 125 Hz

Ch: 4

Clock Drift Check: ✓

ADC test OK: ✓

Initialize the disk: ✓

Wake up date/time: 06 17 19 168

21 00 00

UTC

Local: 1300h

Clock Drift Check: _____

Begin (time cntng): ✓

End text capture: _____

Dessicant/Purge: ✓

Pre-deployment

Coils: _____

B1 / North/South: MC0124

B2 / East/West: MC0278

Horizontal electrodes

White: _____

Green: _____

Black: _____

Red: _____

Compass S/N: ANGELFISH

Compass ON: 13:14L

Compass flash: ✓

Strayline S/N: A FSH

Strayline test: ✓

Deck check performed: ✓

Acoustics

S/N: 32268

Receive Frequency: 11kHz

Option 1: 43742 614306

Disable: 437427

Enable: 437404

Release 1: 435347

Release 2: 435364 631436

On-anchor chk: 614277

Primary V: 16.4 614254

Off: ✓

Secondary V: 16.2

Off: ✓

Deployment

Date: 17 June 2019 (L-UTC)

Time: _____

Depth: _____

m

Latitude: _____

Longitude: _____

Arrival time on seafloor: _____

Acoustics disabled @: 13:27L (21:27 UTC)

Recovery

Date: 6/21/19

Acoustics Enabled @: 11:51

UTC

Release acknowledge: 11:58

Liftoff from seafloor @: _____

UTC

ETA to surface @: 17:05

UTC

Time Sighted: _____

UTC Shift D @: 06 22 19 173

01 22 58

Tag: 0.0155070

Are the seconds?

Lagging

or

in sync

Closing block number: 544424

Binary file name: 546-Angelfish.bin

Compass

Heading: 80.3

Pitch: 1.5

Roll: -6.4

Notes

Current: 0.0 @ 310

* No Prop point taken - no message on radio to bridge

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 547

MT MKIII

Instrument Number: 136Instrument Name: KingfishCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

061719168200050Tag: 0.000 2343Parameters descrip: 547Sample rate: 125

Hz

Ch: 48Clock Drift Check: ☒ADC test OK: ☒

Initialize the disk: _____

Wake up date/time:

061719168210000

UTC

Local: 12:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ☒

Pre-deployment

Coils:

B1 / North/South: MC0028B2 / East/West: MC0173

Horizontal electrodes

White: ☐Green: ☒Black: ☐Red: ☐Compass S/N: KingfishCompass ON: 13:36Compass flash: ☒Strayline S/N: KFSHStrayline test: ☒Deck check performed: ☒

Acoustics

S/N: 31194Receive Frequency: 11 kHzOption 1: 437442Disable: 437427Enable: 437404Release 1: 435347Release 2: 435364

On-anchor chk:

Primary V: 17.0Off: ☒Secondary V: 17.2Off: ☒

Deployment

Date: 17 June 2019 (1-UTC)Time: 21:57Depth: 78 mLatitude: 54° 53.384Longitude: 160° 39.010

Arrival time on seafloor: _____

Acoustics disabled @: 13:48 (21:48 UTC)

Recovery

Date: 6/21/19Acoustics Enabled @: 17:29

UTC

Release acknowledge: 17:58Liftoff from seafloor @: 18:03

UTC

ETA to surface @: 18:06

UTC

Time Sighted: 18:09

UTC Shift D @:

062219173023507Tag: 0.9754170

Are the seconds?

Lagging

or

in sync

Closing block number: 550944

Binary file name: _____

Compass

Heading: 94.2Pitch: 1.4Roll: 2.0

Notes

Surface: 0.7 kts @ 330°
Current: _____

Alaska Subduction 2019 MT Deployment & Recovery Shipboard Checkout

Time zone: UTC-8

Survey ID: _____

Site ID: 548**MT MKIII**Instrument Number: 130Instrument Name: RockHindCheckout 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: 4

GB

Channel configuration

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

Synch with GPS @:

06 17 19 16820 18 35Tag: 0.000 2385Parameters descrip: 548Sample rate: 125 62.5 Hz # Ch: 4 6Clock Drift Check: ✓ADC test OK: ✓

Initialize the disk: _____

Wake up date/time:

06 17 19 16822 00 00UTC Local: 14:00

Clock Drift Check: _____

Begin (time cntng): _____

End text capture: _____

Dessicant/Purge: ✓**Pre-deployment**

Coils:

B1 / North/South: MC0241B2 / East/West: MC0004Horizontal electrodes White:Green:Black:Red:Compass S/N: RockhindCompass ON: 13:58Compass flash: ✓Strayline S/N: RKHDStrayline test: ✓Deck check performed: ✓**Acoustics**S/N: 32265Receive Frequency: 11kHzOption 1: 614064Disable: 614047Enable: 614022Release 1: 631245Release 2: 631266

On-anchor chk:

Primary V: 16.4Off: ✓Secondary V: 16.815.8 Off: ✓**Deployment**Date: 17 June 2019 (2-UTC)Time: 14:20 (22:20 UTC)Depth: 88.45 mLatitude: 54° 55.447' NLongitude: 160° 40.080' W

Arrival time on seafloor: _____

Acoustics disabled @: 14:16 (22:16 UTC)**Recovery**Date: 6/21/19Acoustics Enabled @: 18:41

UTC

Release acknowledge: 18:50

Liftoff from seafloor @: _____

UTC

ETA to surface @: _____

UTC

Time Sighted: Disabled

UTC Shift D @:

06 22 19 17303 23 04Tag: 0.0034747

Are the seconds?

Lagging or in sync

Closing block number: 0549856

Binary file name: _____

CompassHeading: 16.3Pitch: 1.6Roll: -0.8**Notes**surface
currents: 0.5 knots, 299°