

Filtered

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: Nabelek

Checkout By (Deployment): MLB

Site ID: BS210

SP4x4: LP4x4:

Equipment SN:

Data Logger: 61
Acoustic: 105
Frame: F00031
Float: M600098
Light Strobe: NS6027
Radio: NR0001
L28 / Trillium: G90027
Hyd / DPG: DPG020
~~Batt Bottle:~~ _____

Data Logger Boards (SN):

CPU: 0108067
Seascan: 831
A2D: 0108089
CF: 5207042
Power: 5107076
Backplane: /

Compact Flash Cards:

Card A#: 06592-09020 size: 32 GB
Card B#: 2008-615 size: 16 GB
Card C#: 08632 size: 16 GB

Main Battery Info

Voltage: 15.6^{2.7} + 1
Type: Li+
Quantity: 5

Clock Battery Info

Voltage: 3.6 / _____
Type: 2xC

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

- LED/Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:266:00:35:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:266:07:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS21 SA61

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:266:03:57
Latitude: 43.67085
Longitude: -127.807966
Water Depth (m): 2610

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2013:267:00:02:58.1117235
OBS TimeTag 2: 2013:267:00:03:58.1117228
OBS Drift: -1.888278

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____

★ - NW section Dead Zone
ON survey



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2006 : 22 : 26 : 00
Site #:	BS 210
Acoustic #:	105
Water depth (meters)	2610
Enable:	6/7
Bottom ranges:	2024m 2596
Burn #1:	5/7 : 22:28 6/7 : 22:48
Burn #2:	
Ranges after burn cycle:	2595 2542 2294 / 2068, 2641, 2007, 1979, 1960, 1922
Estimated time off bottom:	
Estimated surface time:	

B1
25
40

B2
02
17
32
47

Notes:

A = 32 Gg
B = 16.39 Gg
C = 3.11 Gg
} 51.5 GB DATA

Filtered

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabelek

Checkout By: mkb

Site: BS220

Equipment SN:

Data Logger: 94
 Acoustic: 58
 Frame: F00027
 Float: M600037
 Light Strobe: N50081
 Radio: NR0032
 L28: 670032
 Hydrophone: DP6012
DP6

Data Logger Boards (SN):

CPU: 0108080
 Seascan: 883
 A2D: 0108032
 CF: A002
 Power: A023
 Backplane: ✓

Compact Flash Cards (SN):

Card A: 08512-CE003 size: 32 GB
 Card B: 2008-669 size: 16 GB
 Card C: 2012-104 size: 16 GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

104K

Comments:

- LED / Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:266:04:38:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:266:11:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 100 SPS
 0 (L28X) Gain: 64
 1 (L28Y) Gain: 64
 2 (L28Z) Gain: 64
 3 (HYD) Gain: 64

Header Comment: BS22 SN94
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:266:07:48:00
 Latitude: 43.736733
 Longitude: -128.021550
 Water Depth (m): 2977

Acoustics Disabled:
 Ranging Survey:
 Filename: BS22

Recovery:

Time (GMT): 2013:267:02:55:00.5573739
 OBS Time Tag: 2013:267:02:56:00.5573766
 OBS Drift: 0.557376
 OBS Time OK: TFOM: 4
 (From Terminal)

Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013: 267: 01: 16: 00
Site #:	BS 220
Acoustic #:	58
Water depth (meters)	2977
Enable:	7/7
Bottom ranges:	2997, 2980
Burn #1:	01:21, 2/7
Burn #2:	
Ranges after burn cycle:	2071 , 2399, 2385, 2355
Estimated time off bottom:	
Estimated surface time:	69 MIN

Notes:

~~Notes~~ LOCAL TIME
19:30

A = 32 G₂
B = 1.31 G₁₉
C = 1 m₃

ISSUE EXTRACTING RAW
DATA FROM CF "B"

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): 20

Cruise ID: Nabelek

Checkout By (Deployment): EA

Site ID: BS31

SP4x4: LP4x4:

Equipment SN:

Data Logger: 78
Acoustic: 31
Frame: F0062
Float: M60006
Light Strobe: NS0076
Radio: NR0035
L28 / Trillium: GP0004
Hyd / DPG: DP6014
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108059
Seascan: 834
A2D: 01
CF: 5207095
Power: 5107017
Backplane: _____

Compact Flash Cards:

Card A#: 08512-F0003 size: 32 GB
Card B#: 08025 size: 16 GB
Card C#: 2008-642 size: 16 GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 3.6
Type: Li+ 2xc

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.4K

Additional Comments:

LED/Jumpers
 V1.0.4K
 Sync

Configuration:

Sync with GPS: 2012:267:07:18:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:267:07:18:00
2012:267:17:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS31 SN78

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:267:15:37:00
Latitude: 43.92320
Longitude: -128.587433
Water Depth (m): 2582

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS_31

Recovery:

OBS TimeTag 1: 2013:267:12:48:00.0102915
OBS TimeTag 2: 49:00.0102995
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	267 : 11 : 17 : 00
Site #:	BS310
Acoustic #:	31
Water depth (meters)	2582
Enable:	15/15
Bottom ranges:	2559, 2516
Burn #1:	15/15 11:20
Burn #2:	
Ranges after burn cycle:	2284, 2205
Estimated time off bottom:	11:28
Estimated surface time:	12:30

Notes:

A = 25.69 GB

B =

C =

4x4 Deployment Checklist

Date/Time: _____

Checkout By: MRB

Cruise: NABELEK

Site: BS34

Equipment SN:

Data Logger: 67
Acoustic: 96
Frame: F00647
Float: M60096
Light Strobe: NS0025
Radio: NL0056
L28: 670070
Hydrophone: DP6013
DP6

Data Logger Boards (SN):

CPU: 0108100
Seascan: 878
A2D: 0108053
CF: 5207104
Power: 5107023
Backplane: /

Compact Flash Cards (SN):

Card A: 08S12-CF0013 size: 32 GB
Card B: 2012-102 size: 16 GB
Card C: 2012-106 size: 16 GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 1
Type: _____

1.04K

Comments:

- LED/Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:268:01:23:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:268:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: BS34 SN67

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:268:04:34
Latitude: 44.13800
Longitude: -129.001567
Water Depth (m): 2500

Acoustics Disabled:
Ranging Survey:
Filename: BS34

Recovery:

2013
Time (GMT): 268:12:43:00.4004103
OBS TimeTag: 268:12:44:00.4004126
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____
PPM
Batt Dead



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 268: 11:06
Site #: BS 348
Acoustic #: 96
Water depth (meters) 2500
Enable: 5/7
Bottom ranges: 2459, 2465
Burn #1: 717 11:06
Burn #2:
Ranges after burn cycle: 2103, 2078
Estimated time off bottom: 11:13
Estimated surface time: 12:10

Notes:

4x4 Deployment Checklist

Date/Time: _____

Checkout By: EA

Cruise: Nabelek

Site: B536

Equipment SN:

Data Logger: 95
Acoustic: 148
Frame: F00033
Float: m600054
Light Strobe: NS 0071
Radio: NL0027
L28: 090025
Hydrophone: D76006
D76

Data Logger Boards (SN):

CPU: A005
Seascan: 1646
A2D: 0108047
CF: 5207101
Power: 5107085
Backplane: /

Compact Flash Cards (SN):

Card A: 01812-0F003 size: 32 GB
Card B: 2012-107 size: 16 GB
Card C: 2012-107 size: 16 GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

1.0.4K

Comments:

LED/Jumper

Version 1.0.4K

Sync

Configuration:

Sync with GPS: 2012:268:08:46:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:
Wakeup Time: 2012:268:13:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: B536 SN95
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
SS Purge:

Deployment:

Time (GMT): 2012:268:11:08:00
Latitude: 44.037200
Longitude: -124.332317
Water Depth (m): 2427

Acoustics Disabled:
Ranging Survey:
Filename: B536

Recovery:

Time (GMT): 2013:268:19:49:58.2538147
OBS Time Tag: 2013:268:19:50:58.2538137
OBS Drift: -1.796187
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____

** NNE Acoustic Shadow*

PPS @ Recovery



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 2013: 268: 18: 21: 00
Site #: BS360
Acoustic #: 148
Water depth (meters) 2427
Enable: 7/7
Bottom ranges: 2424,
Burn #1: 18:24 UTC 2/7
Burn #2:
Ranges after burn cycle: 1921, 1894, 1870
Estimated time off bottom:
Estimated surface time: 12:25 LOCAL

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: NABELEK

Checkout By (Deployment): MRW

Site ID: BS500

SP4x4: LP4x4:

Equipment SN:

Data Logger: 71
Acoustic: 74
Frame: F00068
Float: M600051
Light Strobe: NJ0057
Radio: NR0074
L28 / Trillium: GP0068
Hyd / DPG: DP6022
Batt Bottle: _____

Configuration:

Sync with GPS: 2012:270:19:20:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:270:23:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS50 SN71

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Data Logger Boards (SN):

CPU: A015
Seascan: 457
A2D: 0108100
CF: 5207059
Power: 5107102
Backplane: _____

Deployment:

Time (GMT): 2012:270:20:09
Latitude: 44.163067
Longitude: -129.482633
Water Depth (m): 3486

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS50

Compact Flash Cards:

Card A#: 08512-CF0040 size: 32 GB
Card B#: 2008-649 size: 16 GB
Card C#: 2008-651 size: 16 GB

Recovery:

OBS TimeTag 1: 2013:268:23:11:57.8172904
OBS TimeTag 2: 2013:268:23:12:57.8172869
OBS Drift: -2.182714

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

- UED/Summers
- V1.0.4K
- Sync



Cruise: OC1309B

Scripps OBS Recoveries

Date (UTC):	2013:268:21:15:00
Site #:	BS 500
Acoustic #:	74
Water depth (meters)	3486
Enable:	7/7
Bottom ranges:	3491, 3489
Burn #1:	21:18 UTC 6/7
Burn #2:	
Ranges after burn cycle:	2999, 2955, 2907
Estimated time off bottom:	
Estimated surface time:	67 mins

Notes:

15:45 local

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): 20

Cruise ID: NABELEIK

Checkout By (Deployment): EA

Site ID: BS490

SP4x4: LP4x4:

Equipment SN:

Data Logger: 85
Acoustic: 72
Frame: F00113
Float: M600244
Light Strobe: NS0055
Radio: NR0048
L28 / Trillium: CP0053
Hyd / DPG: DPG024
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A013
Seascan: 451
A2D: 09
CF: A004
Power: A009
Backplane: _____

Compact Flash Cards:

Card A#: 08S12-CP0023 size: 32 GB
Card B#: 2008-636 size: 16 GB
Card C#: 2008-533 size: 16 GB

Main Battery Info

Voltage: 7.7 V
Type: Li⁺ - 12 packs
Quantity: 5

Clock Battery Info

Voltage: _____ V
Type: _____

4x4 Cards Fully Seated:

Did Shipping Vacuum Change? NO

4x4 Software Version: 1.0.4K

Additional Comments:

- LED/Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:270:10:38:00

OBS Time OK: TFOM: 4

Time Tag OK:

Wakeup Time: 2012:270:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment:

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:270:16:45:00
Latitude: 44.240100
Longitude: -129.67000
Water Depth (m): 3652

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS49

Recovery:

OBS TimeTag 1: 2013:269:02:15:35.0155583
OBS TimeTag 2: 2013:269:02:16:35.0155424
OBS Drift: -24.984458

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____

**NE side is shadowed Acoustically*



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 2013:269:00:19:00
Site #: BS 490
Acoustic #: 72
Water depth (meters) 3652
Enable: 3/7
Bottom ranges: 3662, 3645
Burn #1: 00:24 UTC 4/7
Burn #2:
Ranges after burn cycle: 3426, 3283, 3117, 3093, 3189, 2808, 2784
Estimated time off bottom:
Estimated surface time:

85 min

Notes:
19:00 LOCAL

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: Nabalek

Checkout By (Deployment): MRK

Site ID: B552

SP4x4: LP4x4:

Equipment SN:

Data Logger: 23
Acoustic: 67
Frame: F00068
Float: M600051
Light Strobe: NS0057
Radio: NR0074
L28 / Trillium: 670066
~~Hyd / DPG:~~ DP6022
~~Batt Bottle:~~ _____

Data Logger Boards (SN):

CPU: 0108024
Seascan: 852
A2D: 0108023
CF: 480818
Power: A006
Backplane: _____

Compact Flash Cards:

Card A#: 0612-F0012 size: 32 GB
Card B#: 2012-101 size: 16 GB
Card C#: 2010-1 size: 16 GB

Main Battery Info

Voltage: 7.6 / _____
Type: Li+
Quantity: 5 - 12packs

Clock Battery Info

Voltage: 3.6 / _____
Type: Li+ 8xc

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

- LED/Jumpers
- V1.04K
- Sync

Configuration:

Sync with GPS: 2012:271:01:07:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:271:06:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: B552 SN23

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:271:03:05
Latitude: 44.429933
Longitude: -129.603667
Water Depth (m): 2527

Acoustics Disabled:
Ranging Survey:
Survey Filename: B552

Recovery:

OBS TimeTag 1: 2013:289:06:00:00 ^{16:00.6141853}
OBS TimeTag 2: 2013:289:06:17:00 ⁶¹⁴¹⁸⁶⁶
OBS Drift: 0.6141866

OBS Time OK: TFOM: 4

(From Terminal)

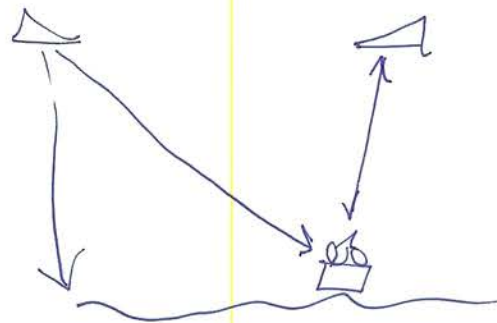
Raw Filename: _____

Possible Release Issue
Burr # 1
12pin VSIK Backhead
Loose Sockets



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:269:03:37:00		
Site #:	BS 520		
Acoustic #:	67		
Water depth (meters)	2527		
Enable:	4/7		
Bottom ranges:	2508, 2506		
Burn #1:	03:42	2/7	?
	03:58	7/7	✓ NO RELEASE
	04:21	5/7	✓ NO RELEASE
Burn #2:	04:38	1/7	?
	04:56	2/7	2018, 1975, 1824, 1799
Ranges after burn cycle:			
Estimated time off bottom:			
Estimated surface time:	21:45 LOCAL		



Notes: 23:00 LOCAL

Flame F68 → possible issue with Burn #1
 AC 67

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabelek

Checkout By: MRK

Site: BS47

Equipment SN:

Data Logger: 90
Acoustic: 146
Frame: F00040
Float: m600041
Light Strobe: NS0056
Radio: NK0029
L28: 6P0018
Hydrophone: DP6007
DP6

Data Logger Boards (SN):

CPU: 0108010
Seascan: 813
A2D: A015
CF: 5207019
Power: 5107021
Backplane: _____

Compact Flash Cards (SN):

Card A: 06512-0004 size: 32 GB
Card B: 2008-686 size: 16 GB
Card C: 2008-600 size: 16 GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

1.04K

Comments:

- LED/Jumpers
- V1.0-4K
- Sync

Configuration:

Sync with GPS: 2012:270:05:00:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:270:11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: BS47 SN90

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:270:08:11:00
Latitude: 44.367350
Longitude: -130.300000 37335
Water Depth (m): 2379

Acoustics Disabled:
Ranging Survey:
Filename: BS47

Recovery:

Time (GMT): _____
OBS TimeTag: _____
OBS Drift: _____
OBS Time OK: TFOM: _____
(From Terminal)
Filename: _____

Low pressure
Leak Logger
Dead
Batteries over board



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 270: 14:28
Site #: 135470
Acoustic #: 146
Water depth (meters) 2379
Enable: 7/7
Bottom ranges: 2338 2337
Burn #1: 7/7 14:30
Burn #2:
Ranges after burn cycle: 1971
Estimated time off bottom: 14:37
Estimated surface time: 15:30

Notes:

03
17
32

4x4 Deployment Checklist

Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: NABELEK
Site ID: BS46

Checkout By (Deployment): MAA

SP4x4: LP4x4:

Equipment SN:

Data Logger: 56
Acoustic: 83
Frame: F0054
Float: M60011
Light Strobe: N50060
Radio: NR 0087
L28 / Trillium: GPA156
Hyd / DPG: DPG008
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708030
Seascan: 105
A2D: 0108090
CF: 5207081
Power: 5107049
Backplane: _____

Compact Flash Cards:

Card A#: 08512-06017 size: 32 GB
Card B#: 2007-16 size: 16 GB
Card C#: 2008-531 size: 16 GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 1
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

- LED/Jumpers
- V1.04K
- Sync

Configuration:

Sync with GPS: 2012:270:01:00:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:270:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS46 SN56
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:270:03:49
Latitude: 44.436458
Longitude: -130.834467
Water Depth (m): 2847

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS46

Recovery:

OBS TimeTag 1: 2013:270:20:09:00.2644126
OBS TimeTag 2: 2013:270:20:10:00.2644132
OBS Drift: 0.2644132
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 270 18 08
Site #: BS460
Acoustic #: 83
Water depth (meters) 2847
Enable: 3/7
Bottom ranges: 2831, 2824
Burn #1: 2/7 18:10 2/7 18:30
Burn #2:
Ranges after burn cycle: 2832, 2692, 2827 / 2549, 1941, 3036, 2482, 2372, 2155, 2129
Estimated time off bottom:
Estimated surface time: 12:45 local

<u>1 Burn</u>	<u>2 Burn</u>
54	27
11	55
21 21	10
41	25
01 46	
13	
38	

Notes:

★ 2nd Burn #1 Released Anchor

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabdek

Checkout By: EA

Site: BS430

Equipment SN:

Data Logger: 73
Acoustic: G1
Frame: F00035
Float: M60052
Light Strobe: N50044
Radio: N20006
L28: 6p0023
Hydrophone: DP6009
D76

Data Logger Boards (SN):

CPU: 0108032
Seascan: 792
A2D: 0108078
CF: 520704B
Power: 5107044
Backplane: _____

Compact Flash Cards (SN):

Card A: 0812-CF0036 size: 32 GB
Card B: 2008-694 size: 16 GB
Card C: TB-08 size: 16 GB

Main Battery Info

Voltage: 1
Type: LITH
Quantity: 5

Clock Battery Info

Voltage: 1
Type: _____

1.0.4K

Comments:

LED/Jumpers

Version 1.0.4K

Sync

Configuration:

Sync with GPS: 2012:269:10:35:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:269:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64

1 (L28Y) Gain: 64

2 (L28Z) Gain: 64

3 (HYD) Gain: 64

Header Comment: BS43 SN 73

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

SS Purge:

Deployment:

Time (GMT): 2012:269:16:44:00

Latitude: 44.100600

Longitude: -130.20700

Water Depth (m): ~~3200~~ 3201

Acoustics Disabled:

Ranging Survey:

Filename: BS43

Recovery:

Time (GMT): 2013:271:05:56:01.7610863

OBS Time Tag: 2013:271:05:57:01.7610863

OBS Drift: 1.7610863

OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 2013: 271: 04:15:00
Site #: BS 430
Acoustic #: 61
Water depth (meters) 3201
Enable: 4/7
Bottom ranges: 3181, 3183
Burn #1: 04:20 UTC ✓
Burn #2:
Ranges after burn cycle: 2758, 2687, 2615
Estimated time off bottom:
Estimated surface time: 22:45 LOCAL

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: NABELEK

Checkout By (Deployment): EA

Site ID: BS401

SP4x4: LP4x4:

Equipment SN:

Data Logger: 21
Acoustic: 64
Frame: F00030
Float: M600045
Light Strobe: N30014
Radio: NR0088
L28 / Trillium: G90028
Hyd / DPG: DP6005
Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108073
Seascan: 838
A2D: 0108082
CF: 5207028
Power: 470814
Backplane: —

Compact Flash Cards:

Card A#: 08312-CF008 size: 32 GB
Card B#: 08026 size: 16 GB
Card C#: 2008667 size: 16 GB

Main Battery Info

Voltage: 1
Type: LIT
Quantity: 5

Clock Battery Info

Voltage: 1
Type: LIT

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NA
4x4 Software Version: 1.0.4K

Additional Comments:

Re deployment
of site
BS401

Configuration:

Sync with GPS: 2012:274:20:40:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:274:23:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS401 SN 21
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:274:20:50
Latitude: 44.10612
Longitude: -129.926
Water Depth (m): 3210

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS401

Recovery:

OBS TimeTag 1: 2013:274:07:14:58.1172449
OBS TimeTag 2: 2013:274:07:15:58.1172410
OBS Drift: -1.882759
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:274:05:40:00
Site #:	BS 401
Acoustic #:	64
Water depth (meters)	3210
Enable:	13/15
Bottom ranges:	3195, 3192
Burn #1:	05:44 UTC 12/15
Burn #2:	
Ranges after burn cycle:	2735, 2711
Estimated time off bottom:	
Estimated surface time:	00:00 LOCAL

Notes:

1 Hour

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): 20

Cruise ID: NABELEK

Checkout By (Deployment): EA

Site ID: BS38

SP4x4: LP4x4:

Equipment SN:

Data Logger: 17
Acoustic: 82
Frame: F00052
Float: M600053
Light Strobe: NS0011
Radio: NR0058
L28 / Trillium: CP0045
Hyd / DPG: DPG004
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A017
Seascan: 467
A2D: 0108083
CF: S207054
Power: A028
Backplane: _____

Compact Flash Cards:

Card A#: 08512-CP003 size: 32 GB
Card B#: 08039 size: 16 GB
Card C#: 2012-108 size: 16 GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 3.6 / _____
Type: Li+ 2x2

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.4K

Additional Comments:

- LED / Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:268:13:02:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:268:22:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS38 SN17

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 268:18:10
Latitude: 43.81066
Longitude: ~~174.4483~~ -129.641483
Water Depth (m): 3215

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS38

Recovery:

2013
OBS Time Tag 1: 274:14:05:57.2958630
OBS Time Tag 2: 274:14:06:57.2958595
OBS Drift: -2.704141

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____

* DPG connector Brake during recovery - Hst side ship

Seq ~~state~~ shiny



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	274 12:25
Site #:	BS 380
Acoustic #:	82
Water depth (meters)	3215
Enable:	7/7
Bottom ranges:	3196
Burn #1:	6/7 12:27
Burn #2:	
Ranges after burn cycle:	2803 2776 2759
Estimated time off bottom:	
Estimated surface time:	13:50

35
47
50
05
20

Notes:

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabelek

Checkout By: MRL

Site: BS270

Equipment SN:

Data Logger: 13
Acoustic: 39
Frame: F00046
Float: M600057
Light Strobe: NS0070
Radio: NR0019
L28: 670072
Hydrophone: D76011
DP6

Data Logger Boards (SN):

CPU: A001
Seascan: 447
A2D: 0108038
CF: S207027
Power: S107007
Backplane: /

Compact Flash Cards (SN):

Card A: 0BS12-0F030 size: 32 GB
Card B: 1 size: 16 GB
Card C: 07-36 size: 16 GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

1.04K

Comments:

LED/Jumpers

V1.0.4K

Sync

New Long
Acoustic
Cable

Configuration:

Sync with GPS: 2012:266:21:11:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:267:05:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X)	Gain:	<u>64</u>
1 (L28Y)	Gain:	<u>64</u>
2 (L28Z)	Gain:	<u>64</u>
3 (HYD)	Gain:	<u>64</u>

Header Comment: BS27 SN13
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:267:01:00
Latitude: 43.77785
Longitude: -128.97545
Water Depth (m): 3057

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2013:275:00:33:59.3404563
OBS Time Tag: 2013:275:00:34:59.3404557
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____

* NO DATA RECORDED ON CF'S

when surveying N
section shadow



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 2013:23:04:00
Site #: BS270
Acoustic #: 39
Water depth (meters) 3057
Enable: 13/15
Bottom ranges: 3057, 3050
Burn #1: 23:06 UTC 11/15
Burn #2:
Ranges after burn cycle: 2568, 2521
Estimated time off bottom:
Estimated surface time: 17:30 LOCAL

Notes:

★ NO DATA RECORDED ON THE CF'S

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabelek

Checkout By: mkb

Site: BS280

Equipment SN:

Data Logger: 86
Acoustic: ~~67~~ 69
Frame: F00099
Float: M600013
Light Strobe: N50061
Radio: NK0082
L28: 6 P0037
Hydrophone: DP6 015
DP6

Data Logger Boards (SN):

CPU: 0108052
Seascan: 828
A2D: 0108093
CF: 5207093
Power: 5107040
Backplane: /

Compact Flash Cards (SN):

Card A: 08512-66016 size: 32 GB
Card B: 2008-516 size: 16 GB
Card C: 08038 size: 16 GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

1.04K

Comments:

- LED/Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:267:01:54:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:267:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: BS28 SN86
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:267:04:27
Latitude: 43.735767
Longitude: -128.695717
Water Depth (m): 3535

Acoustics Disabled:
Ranging Survey:
Filename: BS28

Recovery:

Time (GMT): 2013:275:06:35:01.6468421
OBS Time Tag: 2013:275:06:36:01.6468465
OBS Drift: 1.6468465
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:275: 04:52:00
Site #:	BS 280
Acoustic #:	69
Water depth (meters)	3535
Enable:	8/15
Bottom ranges:	3526, 3518
Burn #1:	04:58 UTC 13/15 ✓
Burn #2:	
Ranges after burn cycle:	3076, 2991
Estimated time off bottom:	
Estimated surface time:	23:30 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: _____

Checkout By: EA

Cruise: NABELEK

Site: BS25

Equipment SN:

Data Logger: 39
Acoustic: 86
Frame: F00039
Float: M60099
Light Strobe: NS0001
Radio: NR0080
L28: GPO019
Hydrophone: DPG010

Data Logger Boards (SN):

CPU: 0108070
Seascan: ? - No SN on can
A2D: 0108074
CF: 5207097
Power: 5107001
Backplane: _____

Compact Flash Cards (SN):

Card A: 0812-CF0022 size: 32 GB
Card B: 2008-542 size: 16 GB
Card C: 2012-100 size: 16 GB

Main Battery Info

Voltage: 1
Type: LITH
Quantity: 5

Clock Battery Info

Voltage: 1
Type: _____

1.0.4K

Comments:

LED Jumpers

V1.0.4K

Sync

Configuration:

Sync with GPS: 2012:266:17:32:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:
Wakeup Time: 2012:266:21:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (~~L28~~) Gain: 64
DPG

Header Comment: BS25 SW 39
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
SS Purge:

Deployment:

Time (GMT): 2012:266:18:22
Latitude: 43.50683
Longitude: -128.659133
Water Depth (m): 3201

Acoustics Disabled:
Ranging Survey:
Filename: BS25

Recovery:

Time (GMT): 2013:275:21:32:00.568385
OBS TimeTag: 2013:275:21:33:00.5683840
OBS Drift: 0.5683840
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:275:19:43:00
Site #:	BS250
Acoustic #:	86
Water depth (meters)	3201
Enable:	5/7
Bottom ranges:	3213, 3205
Burn #1:	19:45 UTC 6/7
Burn #2:	
Ranges after burn cycle:	2786, 2720
Estimated time off bottom:	
Estimated surface time:	14:05 local

Notes:

FILTERED

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: Nabelek

Checkout By (Deployment): mlb

Site ID: BS190

SP4x4: LP4x4:

Equipment SN:

Data Logger: 33
Acoustic: 90
Frame: F00025
Float: m60050
Light Strobe: NF0066
Radio: NF0036
L28 / Trillium: 6P0034
Hyd / DPG: DP6619
~~Batt Bottle:~~ _____

Data Logger Boards (SN):

CPU: A004
Seascan: 849
A2D: 0108036
CF: A016
Power: A015
Backplane: 08-02

Compact Flash Cards:

Card A#: 08S12-cf0012 size: 32 GB
Card B#: 08002 size: 16 GB
Card C#: 2008-654 size: 16 GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 1
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

FLED/Jumpers

V1.0.4K ✓

Sync

Configuration:

Sync with GPS: 2012:265:18:54:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:265:23:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: BS19 SN38

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:265:20:10
Latitude: 43.31090
Longitude: -128.075100
Water Depth (m): 3071

Acoustics Disabled:
Ranging Survey:
Survey Filename: BS19

Recovery:

OBS Time Tag 1: 2013:276:12:23:52.7989781
OBS Time Tag 2: 2013:276:12:24:57.7989743
OBS Drift: -2.201022

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 276: 10:45
Site #: BS 190
Acoustic #: 90
Water depth (meters) 3071
Enable: 5/7
Bottom ranges: 3044
Burn #1: 7/7 10:47
Burn #2:
Ranges after burn cycle: 2584, 2560, 2512
Estimated time off bottom:
Estimated surface time:

10
25
40

Notes:

FILTERED

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____

Cruise ID: NABREK

Checkout By (Deployment): MLG

Site ID: BS 168

SP4x4: LP4x4:

Equipment SN:

Data Logger: SS
 Acoustic: 114
 Frame: F00024
 Float: M60056
 Light Strobe: NS0077
 Radio: NRO038
 L28 / Trillium: GP0035
 Hyd / DPG: DP6021
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108048
 SeaScan: 1158
 A2D: 0108092
 CF: 5207001
 Power: 5107062
 Backplane: ✓

Compact Flash Cards:

Card A#: 08S12-CF002 size: 32 GB
 Card B#: 2008-603 size: 16 GB
 Card C#: 2008-673 size: 16 GB

Main Battery Info

Voltage: 7.7 1
 Type: Li+
 Quantity: 5

Clock Battery Info

Voltage: 3.6 1
 Type: 2x Li+

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? N
 4x4 Software Version: 1.04K

Additional Comments:

- ED / Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:265:00:41:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:265:11:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 64

Header Comment: BS16 SN55

Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:265:00:03
 Latitude: 43.20987
 Longitude: -127.50080
 Water Depth (m): 2.353

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: BS16

Recovery:

OBS TimeTag 1: 2013:277:01:25:59.9937638
 OBS TimeTag 2: 2013:277:01:26:59.9937641
 OBS Drift: -0.006236
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:277:00:02:00
Site #:	BS 160
Acoustic #:	114
Water depth (meters)	2353
Enable:	6/7
Bottom ranges:	2277, 2271
Burn #1:	00:08 UTC 7/7
Burn #2:	
Ranges after burn cycle:	2009, 1985
Estimated time off bottom:	
Estimated surface time:	18:15 local

Notes:

4x4 Deployment Checklist

FILTERED

Date/Time: _____
Checkout By: EA

Cruise: NADELEK
Site: BS010

Equipment SN:

Data Logger: 57
Acoustic: 71
Frame: F107
Float: M600042
Light Strobe: N50032
Radio: NR0066
L28: 6P0010
~~Hydrophone:~~ 2P6 025
DP6

Data Logger Boards (SN):

CPU: 0108055
Seascan: 790
A2D: 0108051
CF: 5207088
Power: 0006
Backplane: 44

Compact Flash Cards (SN):

Card A: 0852-4000 size: 32 GB
Card B: 2008-609 size: 16 GB
Card C: 2008-519 size: 16 GB

Main Battery Info

Voltage: 1
Type: LiTH
Quantity: 5

Clock Battery Info

Voltage: 1
Type: _____

1.0.4K

Comments:

LED/Jumpers

Version 1.0.4K

Sync

Configuration:

Sync with GPS: 2012:262:13:23:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:262:18:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: BS01 SN57
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

Time (GMT): 2012:262:14:20:00
Latitude: 43.12241 N
Longitude: 127.02.881 W
Water Depth (m): 4380

Acoustics Disabled:
Ranging Survey: 43.2040166
Filename: -127.0480166

BS01

Recovery:

Time (GMT): 2013:277:07:12:53.8670418
OBS TimeTag: 2013:277:07:13:53.8670334
OBS Drift: -6.132967
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____

Poor Acoustics (Deploy)

Good Acoustics @ Recovery

* LARGE DRIFT



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:277:05:09:00
Site #:	BS 010
Acoustic #:	71
Water depth (meters)	4380
Enable:	11/15
Bottom ranges:	4363, 4307
Burn #1:	05:11 UTC, 9/15
Burn #2:	
Ranges after burn cycle:	3725, 3701, 3630
Estimated time off bottom:	
Estimated surface time:	00:00 Local

Notes:

FILTERED

4x4 Deployment Checklist

Checkout Date: 9/18 Shipping Vacuum (In.Hg): _____
Checkout By (Deployment): MLB
SP4x4: LP4x4:

Cruise ID: Nabelek
Site ID: B5020

Equipment SN:

Data Logger: 93
Acoustic: 34
Frame: F00045
Float: M60035
Light Strobe: NS0079 ← *not working*
Radio: NR 0054
L28 / Trillium: _____
Hyd / DPG: DP6 018
Batt Bottle: _____

Configuration:

Sync with GPS: 2012:262:14:33:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:262:22:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 64

Header Comment: B502 SN93
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Data Logger Boards (SN):

CPU: A019
Seascan: 465
A2D: 0108101
CF: 5207086
Power: 5107009
Backplane: _____

Deployment:

Time (GMT): 2012:262:18:50
Latitude: 43.085183
Longitude: -127.21175
Water Depth (m): ~~3066~~ 3061 3046

Acoustics Disabled:
Ranging Survey:
Survey Filename: B502

Compact Flash Cards:

Card A#: 0812-CP025 size: 32 GB
Card B#: 2008-697 size: 16 GB
Card C#: 2008-515 size: 16 GB

Main Battery Info

Voltage: 7.7 1
Type: Li⁺ 12-Pack
Quantity: 5

Clock Battery Info

Voltage: 3.6 1
Type: Li⁺ 2x2

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? N
4x4 Software Version: 1.04K

Additional Comments:

FLED/Jumpers
VI.0.4K
Sync

Recovery:

OBS TimeTag 1: 2012:277:09:34:58.8361995
OBS TimeTag 2: 2012:277:09:35:58.8361988
OBS Drift: -1.163802

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: _____
* system glitchy
- PPS → plugged in RS232, soon kept running
Reset, Fixed itself to PPM, took
down TAB



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 277:07:57
Site #: BS020
Acoustic #: 34
Water depth (meters) 3046
Enable: 7/7
Bottom ranges: 3033
Burn #1: 7/7 07:58
Burn #2:
Ranges after burn cycle: 2700 2646 2621
Estimated time off bottom:
Estimated surface time:

43
58
13

Notes:

4x4 Deployment Checklist

Date/Time: _____

Cruise: NABELEK

Checkout By: EA

Site: BS050

Equipment SN:

Data Logger: 11
 Acoustic: 27
 Frame: F00118
 Float: M60058
 Light Strobe: NS00036
 Radio: N20054
 L28: GP0049
 Hydrophone: HYD 016 / DPG 016

Data Logger Boards (SN):

CPU: 4708-033
 Seascan: 898
 A2D: 0108027
 CF: S207107
 Power: 5107068
 Backplane: /

Compact Flash Cards (SN):

Card A: 0612-06033 size: 32 GB
 Card B: 2012-111 size: 16 GB
 Card C: 19 size: 16 GB

Main Battery Info

Voltage: 1
 Type: LITH
 Quantity: 5

Clock Battery Info

Voltage: 1
 Type: _____

1.0.4K

Comments:

LED Jumpers

V 1.0.4K

Sync

Configuration:

Sync with GPS: 2012:263:07:07:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:
Wakeup Time: 2012:263:11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64
 1 (L28Y) Gain: 64
 2 (L28Z) Gain: 64
 3 (HYD) Gain: 64

Header Comment: BS05 SW11

Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge:

Deployment:

Time (GMT): 2012:263:08:41:00
 Latitude: 42.790300
 Longitude: -126.525533
 Water Depth (m): ~~2780~~ 2720

Acoustics Disabled:
 Ranging Survey:
 Filename: BS05

Recovery:

Time (GMT): 2013:277:22:03:01.4630621
 OBS TimeTag: 2013:277:22:04:01.4630665
 OBS Drift: +1.4630665
 OBS Time OK: TFOM: 4
 (From Terminal)

Filename: _____

PPS@Recovery



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013: 277: 20: 35: 00
Site #:	BS 050
Acoustic #:	27
Water depth (meters)	2720
Enable:	2720 , 2720 7/7
Bottom ranges:	2728, 2728
Burn #1:	20:37 UTC 7/7
Burn #2:	
Ranges after burn cycle:	1682, 1660
Estimated time off bottom:	
Estimated surface time:	14:45 LOCAL

Notes:

FILTERED

4x4 Deployment Checklist

Date/Time: 9/19
Checkout By: MRB

Cruise: NABELEK
Site: BS080

Equipment SN:

Data Logger: 20
Acoustic: 29
Frame: E00026
Float: M60001
Light Strobe: NS0022
Radio: NR0041
L28: GP0033
Hydrophone: DP6003
DP6

Data Logger Boards (SN):

CPU: A026
Seascan: 1645
A2D: S207012 0103605
CF: S207012
Power: A022
Backplane: —

Compact Flash Cards (SN):

Card A: 08512-cf009 size: 32 GB
Card B: 2010-001 size: 16 GB
Card C: B02 size: 16 GB

Main Battery Info

Voltage: — / —
Type: —
Quantity: —

Clock Battery Info

Voltage: — / —
Type: —

1.04K

Comments:

- LED/Jumpers
- Version 1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:263:20:07:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:264:03:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment:

BS08 SN20

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:
Seat screw

Deployment:

Time (GMT): 2012:263:22:13
Latitude: 43.210683
Longitude: -126.3304166
Water Depth (m): 3005

Acoustics Disabled:
Ranging Survey:
Filename: BS08

Recovery:

Time (GMT): 2013:278:08:58:02.6643944
OBS Time Tag: 2013:278:08:59:02.6644024
OBS Drift: +2.6644024
OBS Time OK: TFOM: 4
(From Terminal)

Filename: PPS



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013: 278: 06: 28: 00
Site #:	BS 080
Acoustic #:	29
Water depth (meters)	3005
Enable:	6/7
Bottom ranges:	2987, 2985
Burn #1:	5/7 07:01
Burn #2:	
Ranges after burn cycle:	2509, 2486
Estimated time off bottom:	
Estimated surface time:	

~~54~~
16
30
45

Notes:

★ Large Drift

FILTERED

4x4 Deployment Checklist

Checkout Date: 9/18 Shipping Vacuum (In.Hg): _____ Cruise ID: Nabelek
 Checkout By (Deployment): MRB Site ID: BS040
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 92
 Acoustic: 125
 Frame: F00120
 Float: M600091
 Light Strobe: NS0040
 Radio: NR0030
 L28 / Trillium: GP0060
 Hyd / DPG: DP6017
 Batt-Bottle: _____

Data Logger Boards (SN):

CPU: A029
 Seascan: 452
 A2D: 0108008
 CF: 5207045
 Power: 5107016
 Backplane: _____

Compact Flash Cards:

Card A#: 0BS12-CF0026 size: 32 GB
 Card B#: 2008-608 size: 16 GB
 Card C#: 2008-662 size: 16 GB

Main Battery Info

Voltage: 1
 Type: LITH
 Quantity: 5

Clock Battery Info

Voltage: 1
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? N
 4x4 Software Version: 1.04K

Additional Comments:

- CED/Jumpers
- V1.0.4K
- Syne

Configuration:

Sync with GPS: 2012:262:22:15:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:263:06:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 100 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 64

Header Comment: BS04 SN92
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:263:03:31:00
 Latitude: 43.121466
 Longitude: -126.714466
 Water Depth (m): 3424

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: BS04

Recovery:

OBS TimeTag 1: 2013:278:12:10:43.8283654
 OBS TimeTag 2: 2013:278:12:11:43.8283494
 OBS Drift: -16.171651
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 278:10:30
Site #: BS040
Acoustic #: 125
Water depth (meters) 3424
Enable: 7/7
Bottom ranges: 3450, 3437
Burn #1: 7/7 10:31
Burn #2:
Ranges after burn cycle: 3101, 3076, 3046
Estimated time off bottom:
Estimated surface time:

27
31
42
50
41
26

Notes:

FILTERED

4x4 Deployment Checklist

Checkout Date: 9/19 Shipping Vacuum (In.Hg): _____ Cruise ID: Nabelek
 Checkout By (Deployment): MRB Site ID: BS108
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 65
 Acoustic: 59 59
 Frame: F0104
 Float: M600245
 Light Strobe: NS0643
 Radio: NR0042
 L28 / Trillium: 6P0013
 Hyd / DPG: DPG001
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108 107
 Seascan: 833
 A2D: 0108094
 CF: 5207075
 Power: 5107033
 Backplane: _____

Compact Flash Cards:

Card A#: 08S12-CP000 size: 32 GB
 Card B#: 08018 size: 16 GB
 Card C#: 26 size: 16 GB

Main Battery Info

Voltage: 1
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: 3.6 1
 Type: Li+

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? N
 4x4 Software Version: 1.04K

Additional Comments:

- LED/Jumpers
- V1.0.4K
- Sync

Configuration:

Sync with GPS: 2012:264:00:33:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:264:09:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 100 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 64

Header Comment:

BS10 SNG5
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:264:00:00:00
 Latitude: 43.53472
 Longitude: -126.86300
 Water Depth (m): 2957

Acoustics Disabled:

Ranging Survey:
 Survey Filename: BS108

Recovery:

OBS TimeTag 1: 2012:278:17:57:00.7210306
 OBS TimeTag 2: 2012:278:17:58:00.7210366
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC): 278:16:27
Site #: BS100
Acoustic #: 59
Water depth (meters) 2957
Enable: 5/7
Bottom ranges: 2940
Burn #1: 7/7 16:31
Burn #2:
Ranges after burn cycle: 2603 2580
Estimated time off bottom:
Estimated surface time:

36
51
06
21

Notes:

FILTERED

4x4 Deployment Checklist

Date/Time: _____
Checkout By: EA

Cruise: NABE/CK
Site: BS118

Equipment SN:

Data Logger: 63
Acoustic: 73
Frame: F00102
Float: M600246
Light Strobe: N30006
Radio: NR0055
L28: GP0016
Hydrophone: DP6002

Data Logger Boards (SN):

CPU: A011
Seascan: 459
A2D: 0108109
CF: ~~0006~~ S207049
Power: A026
Backplane: 4708-01

Compact Flash Cards (SN):

Card A: 08S12-cf0037 size: 32 GB
Card B: 08-513 size: 16 GB
Card C: 12-105 size: 16 GB

Main Battery Info

Voltage: 1
Type: LITH
Quantity: 5

Clock Battery Info

Voltage: 1
Type: _____

1.0.4K

Comments:

- LED/Jumpers
- Version 1.0.4K
- Sync

I HAD TO RESET ONCE TO GET CLK TO SYNC ACCURATELY.

Configuration:

Sync with GPS: 2012:264:09:21:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:264:11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment:

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

Time (GMT): 2012:264:09:51:00
Latitude: 43.70787
Longitude: -127.17087
Water Depth (m): 2981

Acoustics Disabled:

Ranging Survey:
Filename: BS11

Recovery:

Time (GMT): 2013:279:00:41:57.5195931
OBS TimeTag: 2013:279:00:42:57.5195881
OBS Drift: -2.480412
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: OC1309B
Scripps OBS Recoveries

Date (UTC):	2013:278:23:14:00
Site #:	BS110
Acoustic #:	73
Water depth (meters)	2981
Enable:	7/7
Bottom ranges:	3194, 3114
Burn #1:	23:17 ^{UTC} 6/7
Burn #2:	
Ranges after burn cycle:	2491, 2472
Estimated time off bottom:	
Estimated surface time:	17:35 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: _____

Cruise: Nabelet

Checkout By: MLK

Site: BS 400

Equipment SN:

Data Logger: 21
Acoustic: 109
Frame: F00030
Float: M600045
Light Strobe: NS0014
Radio: NR0088
L28: 6P0028
Hydrophone: DP6005
DP6

Data Logger Boards (SN):

CPU: 0108073
Seascan: 838
A2D: 0108082
CF: 5207028
Power: 470814
Backplane: _____

Compact Flash Cards (SN):

✓ Card A: 0812-cf002 size: 32 GB
Card B: 08026 size: 16 GB
Card C: 2008-667 size: 16 GB

Main Battery Info

Voltage: 10.4K
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____
Type: _____

Comments:

LED/Jumpers

V1.0.4K

Sync

© Station 2012:274:18:00:00
ENABLED ✓
Pushed → NO will not reset to RWG

Configuration:

Sync with GPS: 2012:268:19:48:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:269:04:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 64

Header Comment: BS40 SN21

Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
seal screw Purge:

Deployment:

Time (GMT): 2012:269 02:25
Latitude: 44.106117
Longitude: -129.926067
Water Depth (m): 3191

Acoustics Disabled:
Ranging Survey: NO
Filename: _____

Recovery:

Time (GMT): 2012:274:19:50:00
OBS TimeTag: 2012:274:19:51:59.9716350
OBS Drift: -0.028365
OBS Time OK: TFOM: 4
(From Terminal)

Filename: BS400.085

survey
- no good start Ranges
- changed all setting on Box
- send several Enable command/Reply clear?
- change from Forward to Aft
- Ducer

Did not check after 1K when sinking

Last Modified: Wed Aug 20 2008

Cruise: MV1212 - Nabelek
Scripps OBS Recoveries

Date (UTC):	2012:274:18:00:00
Site #:	BS 400
Acoustic #:	109
Water depth (meters)	3191
Enable:	✓ 15/15
Bottom ranges:	NONE
Burn #1:	15/15 18:15 UTC
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	12:30 LOCAL

Double ping ✓
18:23

Notes:

AFTER BURN #1 - 15 Ping Response
NO RANGES

11:32 LOCAL

2ND BURN #1 SENT 15/15 NO DOUBLE PINGS HEARD
DBL PING HEARD/SEEN @ 1 min BURN RESPONSE