

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 501

Equipment SN:

Data Logger: ST
Acoustic: ~~2007-0009~~ 98
Frame: 57
Float: 2008-018
Light Strobe: 2000-0003
Radio: 02-37
L28: 680013
Hydrophone: _____

Data Logger Boards (SN):

CPU: 0108048
Seascan: 158
A2D: 0108092
CF: 5207001
Power: 5107062
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-536 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Recovery time: 2011:191:12:18:00
lat: 52° 38.113
lon: ~159° 33.154

Configuration:

Sync with GPS: 2011:188:23:01:00.00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: ~~2011:188:24:00:00.00~~
2011:189:00:00:00.00
Channel Configuration: 4
of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 501
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

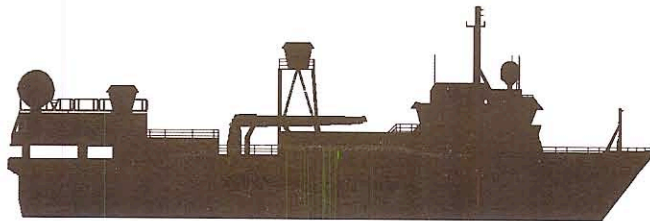
Time (GMT): 00:10
Latitude: 52° 38.037'
Longitude: 159° 33.619'
Water Depth (m): 4636m

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:191:12:22:59.9987662
OBS Time Tag: 2011:191:17:23:59.9987668
OBS Drift: -0.0012332
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 501.0B5



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:191:09:57:00
Water depth (meters)	4696
Site#:	501
Acoustic #:	98
Enable:	✓
Bottom ranges:	5548, 5403
Burn #1: 10:33?	✓ never received reply - Good 15 Sec Ping
Burn #2:	
Ranges after burn cycle:	4197, 4099, 4023
Time off bottom:	
Estimated surface time:	~ 4:10 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 502

Equipment SN:

Data Logger: 63
Acoustic: 58
Frame: 41
Float: M15032
Light Strobe: 2009-018
Radio: 2009-009
L28: 2007-013
Hydrophone: _____

Data Logger Boards (SN):

CPU: A011
Seascan: 459
A2D: A021
CF: A006
Power: 5107063
Backplane: _____

Compact Flash Cards (SN):

Card A: 2007 16 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Recovery time: 2011:191:14:48:00
lat: 52° 44.746
long: -159° 36.166

Configuration:

Sync with GPS: 2011:189:00:20:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:01:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 67
1 (L28Y) Gain: 64
2 (L28Z) Gain: 67
3 (HYD) Gain: 16

Header Comment: 502

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

Deployment:

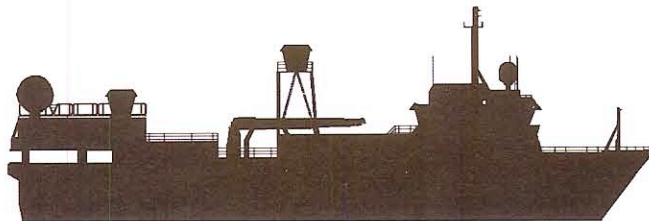
Time (GMT): 01:03
Latitude: 52° 49.633' N
Longitude: 159° 36.615' W
Water Depth (m): 4630m

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:191:14:52:59.9840328
OBS Time Tag: 2011:191:14:53:59.9840291
OBS Drift: -0.0157709
OBS Time OK: TFOM: 4
(From Terminal)

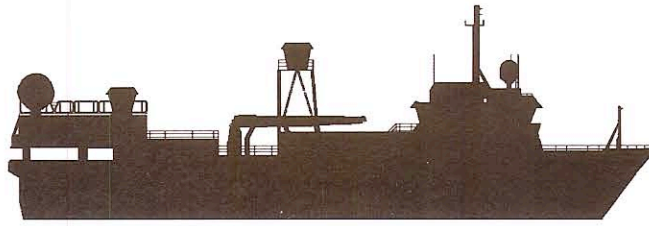
Filename: 502.OBS



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:191:12:51:00
Water depth (meters)	4690
Site#:	502
Acoustic #:	58
Enable:	✓
Bottom ranges:	5486, 5461
Burn #1:	
Burn #2:	12:59
Ranges after burn cycle:	4273, 4255
Time off bottom:	
Estimated surface time:	6:30 LOCAL

Notes:



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:191:15:24:00
Water depth (meters)	4695
Site#:	503
Acoustic #:	1
Enable:	✓
Bottom ranges:	5572, 5512
Burn #1:	15:28
Burn #2:	
Ranges after burn cycle:	3891, 3872
Time off bottom:	
Estimated surface time:	09:15 LOCAL

Notes:

9102 @ SURFACE

4x4 Deployment Checklist

Date/Time: _____
Checkout By: _____

Cruise: _____
Site: 503

Equipment SN:

Data Logger: 43
Acoustic: 2000-0001
Frame: 19
Float: 2008-0019
Light Strobe: 2009-009
Radio: 2008-0097
L28: 228-0003
Hydrophone: _____

Data Logger Boards (SN):

CPU: 0108/05
Seascan: 156
A2D: 0108050
CF: 5207013
Power: A020
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-673 size: 6 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Recovery time: 2011:191:17:02:00
lat: 52 51.463
long: -159 39.382

Configuration:

Sync with GPS: 2011:189:01:14:00.00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:02:00:00.00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 503

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

Deployment:

Time (GMT): 2011:189:02:00:28
Latitude: 52° 52.293
Longitude: 159° 39.638
Water Depth (m): 4695

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:191:17:21:59.9972936
OBS TimeTag: 2011:191:17:22:59.9972930
OBS Drift: -0.002707
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 503.OBS

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 504

Equipment SN:

Data Logger: 2
Acoustic: 83
Frame: 64
Float: 26
Light Strobe: 119
Radio: 121
L28: 3-028
Hydrophone: _____

Data Logger Boards (SN):

CPU: 0108026
Seascan: 819
A2D: 0108046
CF: 5107022
Power: 8107038
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-602 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

recovery time 2011:191:19:44:00
lat: 52° 58.024
long: -159° 42.906

Configuration:

Sync with GPS: 2011:189:02:12:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2011:189:03:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 504

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge:

Deployment:

Time (GMT): 2011:189:02:52:03

Latitude: 52 57.9151

Longitude: -159 42.730

Water Depth (m): 4745

Acoustics Disabled:

Ranging Survey:

Filename: _____

Recovery:

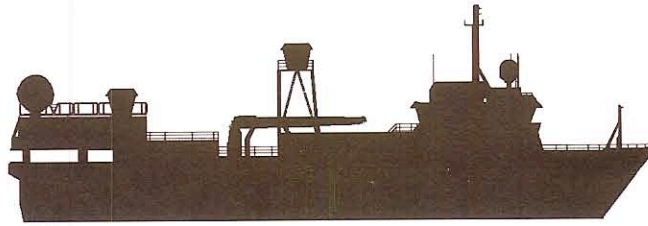
Time (GMT): 2011:191:19:48:59.9968055

OBS TimeTag: 204:191:19:49:59.9968045

OBS Drift: -0.0031955

OBS Time OK: TFOM: 4
(From Terminal)

Filename: 504.OBS



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011-191-17:55:00
Water depth (meters)	4745
Site#:	504
Acoustic #:	83
Enable:	<input checked="" type="checkbox"/>
Bottom ranges:	5514, 5486
Burn #1:	17:57
Burn #2:	
Ranges after burn cycle:	3949, 3839, 3797
Time off bottom:	
Estimated surface time:	11:30 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 505

Equipment SN:

Data Logger: 21
Acoustic: 67
Frame: 60
Float: 2007-9001
Light Strobe: 1000-83
Radio: 2000-128
L28: 2007-033
Hydrophone: _____

Data Logger Boards (SN):

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

Compact Flash Cards (SN):

Card A: 2008-535 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:03:03:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:04:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 100 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment:

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

Deployment:

Time (GMT): 2011:189:3:42:28
Latitude: 53 04.5411
Longitude: -159 45.757
Water Depth (m): 4785

Acoustics Disabled:

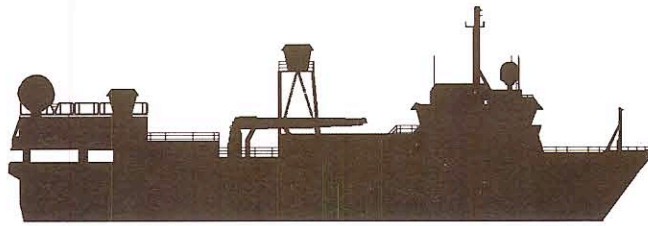
Ranging Survey:

Filename: _____

Recovery:

Time (GMT): 2011:191:22:26:59.9876613
OBS Time Tag: 2011:191:22:27:59.9876583
OBS Drift: -0.012372
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



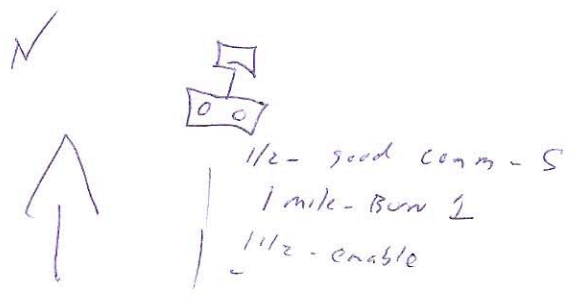
Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	191:20:28
Water depth (meters)	4785
Site#:	505
Acoustic #:	67
Enable:	20:32 (1/7)
Bottom ranges:	
Burn #1:	20:33 (0/7) :35 (0/7) :37
Burn #2:	
Ranges after burn cycle:	4228, 4208, 4153, 4192, 4094, 4046
Time off bottom:	
Estimated surface time:	22:15 → 22:06

Notes:

20:42 double ping?

see
 13
 25
 10
 24
 40
 55



4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 506

Equipment SN:

Data Logger: 61
Acoustic: 85
Frame: 55
Float: ✓
Light Strobe: 2008-116
Radio: 2008-116
L28: 2007-019
Hydrophone: _____

Data Logger Boards (SN):

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

Compact Flash Cards (SN):

Card A: 2008-521 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:03:55:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:05:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 664
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 506

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

Deployment:

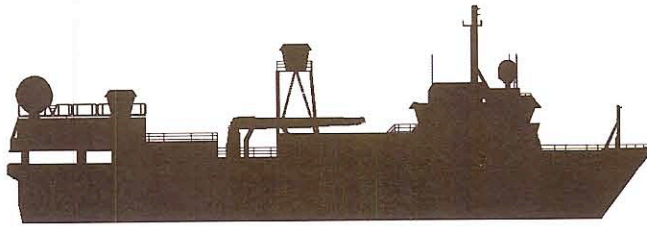
Time (GMT): 2011:189:04:35:00
Latitude: 53 11.190
Longitude: -159 48.882
Water Depth (m): 4875

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:00:57:59.9859510
OBS TimeTag: 2011:192:00:58:59.9859491
OBS Drift: -0.014051
OBS Time OK: TFOM: _____
(From Terminal)

Filename: _____

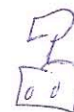


Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	191:22:59
Water depth (meters)	4875
Site#:	586
Acoustic #:	85
Enable:	23:00 (2/7)
Bottom ranges:	5636
Burn #1:	23:02 (1/7) End Burn 23:17 - (517)
Burn #2:	
Ranges after burn cycle:	4514, 4495, 4473
Time off bottom:	
Estimated surface time:	00:50 → 00:37

Notes:

Burn 2
 SEE
 52 33
 11 48
 49 18
 19
 54
 03



13/4 Enable
 BURN 4

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 507

Equipment SN:

Data Logger: 57
Acoustic: 105
Frame: 10
Float: /
Light Strobe: 2009-012
Radio: 2009-019
L28: 2007-014
Hydrophone: _____

Data Logger Boards (SN):

CPU: 0108055
Seascan: 790
A2D: 0108057
CF: 5707088
Power: 006
Backplane: _____

Compact Flash Cards (SN):

Card A: 08032 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:04:55:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:06:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 507

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

Deployment:

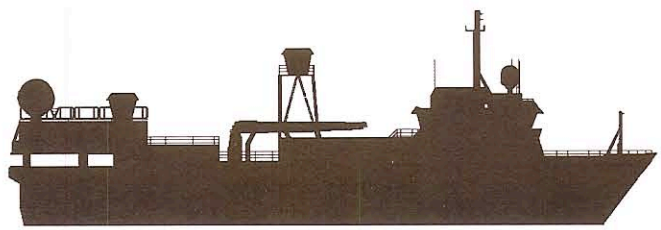
Time (GMT): 2011:189:05:29:50
Latitude: 53°17.799
Longitude: -159°57.946
Water Depth (m): 5122

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:03:37:59.9584049
OBS Time Tag: 2011:192:03:38:59.9583961
OBS Drift: -0.041604
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



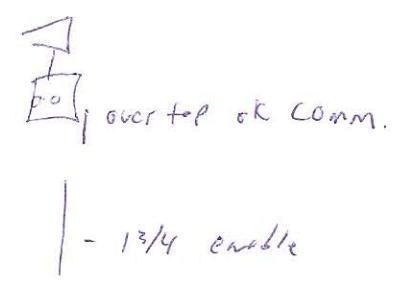
Cruise: Shillington 2011 Scripps OBS Recoveries

Date (UTC):	192:01:32
Water depth (meters)	5122
Site#:	507
Acoustic #:	105
Enable:	01:32 (1/7)
Bottom ranges:	5379
Burn #1:	01:41 (0/7) 01:46 (0/7)
Burn #2:	
Ranges after burn cycle:	4348, 5153, 4310, 4160
Time off bottom:	
Estimated surface time:	03:30 → 03:21

Notes:

Burn 1
Sec

51	35	50
51	50	
	07	
05	56	
54	20	



4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 508

Equipment SN:

Data Logger: 58
Acoustic: 2
Frame: 15
Float: ✓
Light Strobe: 2000-0039
Radio: 2008-100
L28: L28x3-052
Hydrophone: _____

Data Logger Boards (SN):

CPU: 0108100
Seascan: 878
A2D: A024
CF: A019
Power: 5107020
Backplane: _____

Compact Flash Cards (SN):

Card A: 57-03 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:05:39:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:06:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 67
3 (HYD) Gain: 16

Header Comment: 508
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

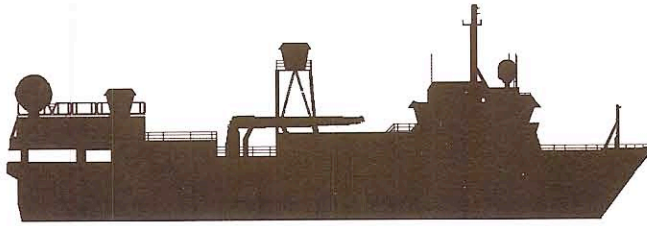
Time (GMT): 2011:189:6:29:00
Latitude: 53 24.448
Longitude: 159 55.071
Water Depth (m): ~~5072~~ 5503

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:06:29:00-0020567
OBS Time Tag: 2011:192:06:20:00-0020570
OBS Drift: 0.0020570
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



**Cruise: Shillington 2011
Scripps OBS Recoveries**

Date (UTC):	192:04:10
Water depth (meters)	5503
Site#:	508
Acoustic #:	02
Enable:	04:13 (117)
Bottom ranges:	820
Burn #1:	04:18 (077)
Burn #2:	
Ranges after burn cycle:	4521, 4445, 4407,
Time off bottom:	
Estimated surface time:	06:10 → 06:05

Notes:

Burn 1
Sec
00
14
29
00
44



} - 1 mile enable - Range

4x4 Deployment Checklist

Date/Time: _____

Cruise: _____

Checkout By: _____

Site: 509

Equipment SN:

Data Logger: 74
Acoustic: 43
Frame: 72
Float: _____
Light Strobe: 2000-0077
Radio: 2002-0063
L28: 2007-038
Hydrophone: _____

Data Logger Boards (SN):

CPU: 4708-019
Seascan: 865
A2D: 0108015
CF: 5207085
Power: 5107059
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-514 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

recovery time: 2011:192:10:25:00
lat: 53° 44.185
long: -160° 04.845

Configuration:

Sync with GPS: 2011:189:06:42:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:07:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 509
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

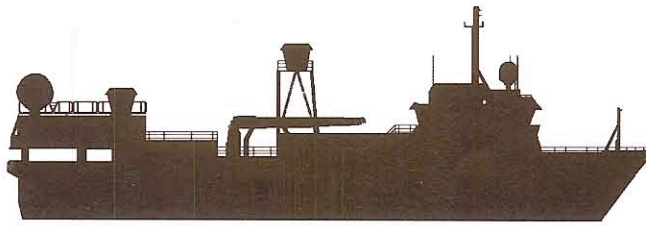
Deployment:

Time (GMT): 2011:189:08:56:00
Latitude: 53 43.864 N
Longitude: 160 04.242 W
Water Depth (m): 5400

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:10:29:59.9924288
OBS Time Tag: 2011:192:10:30:59.9924278
OBS Drift: -0.0075722
OBS Time OK: TFOM: 4
(From Terminal)
Filename: 509.0B5



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	192:08:12
Water depth (meters)	5400
Site#:	509
Acoustic #:	43
Enable:	08:13 (1/7)
Bottom ranges:	6331 6201
Burn #1:	08:16 (0/7) 08:21
Burn #2:	
Ranges after burn cycle:	4796, 4772,
Time off bottom:	
Estimated surface time:	10:15 LOCAL

Notes:

→ ~~00:42~~
2:15 LOCAL

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RK

Cruise: Shillington
Site: 510

Equipment SN:

Data Logger: 66
Acoustic: 2007-003
Frame: 41
Float: obs-MN0017
Light Strobe: 2009-017
Radio: 7008-119
L28: 0B510-0P0065
Hydrophone: 0B510-HYD042

Data Logger Boards (SN):

CPU: 4030
Seascan: 443
A2D: 0108057
CF: 5207052
Power: 5207090
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-529 size: 4 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

- this logger was pulled from
a logger frame combo with noisy K9
(307)

recovery time: 2011:192:12:42:00
lat: 530 51.217
long: -160 08.0296

Configuration:

Sync with GPS: 2011-189:09:04:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:10:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment:

0B510 July 8 2011
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

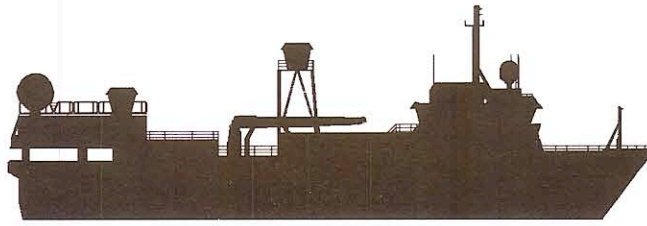
Time (GMT): 2011:189:09:50:00
Latitude: 53 ~~50.9~~ 50.990
Longitude: -160 08.02967
Water Depth (m): 3964m

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:12:47:00.0030725
OBS Time Tag: 2011:192:12:48:00.0030735
OBS Drift: +0.0030735
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 510.OBS



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:11:00:00
Water depth (meters)	3964
Site#:	510
Acoustic #:	3
Enable:	✓
Bottom ranges:	4589, 4557
Burn #1:	11:07
Burn #2:	
Ranges after burn cycle:	3449, 3411
Time off bottom:	
Estimated surface time:	

Notes: 4:30 loc
12:30 UTC

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RM

Cruise: Shillington
Site: OBS 511

Equipment SN:

Data Logger: 11
Acoustic: ~~69~~ 69
Frame: 7008-003
Float: OBS10-M010048
Light Strobe: 2008-103
Radio: 7008-122
L28: OBS10-GP0002
Hydrophone: OBS10-HYD020

Data Logger Boards (SN):

CPU: 4708-033
Seascan: 898
A2D: 0108-027
CF: 5207107
Power: 5107068
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-508-15B size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

-L28 REPLACED ON THIS FRAME
Marked number as a Deployed L28

Configuration:

Sync with GPS: 2011:189:09:37:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:10:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 7000 SPS
0 (L28X) Gain: 14
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OBS 5011 July 8 2011
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

Time (GMT): 2011:189:10:42:00
Latitude: 53 57.628
Longitude: -160 10.893W
Water Depth (m): 3017

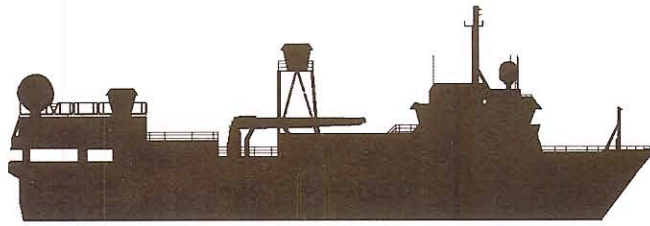
Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:14:59:00.0103898
OBS Time Tag: 2011:192:15:00:00.0103898
OBS Drift: +0.0103898
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 511.OBS

Time error
Terminal: Current time: 2011:192:14:35:00
clk time: 2011:192:15:00:00.0103898



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:13:16:00
Water depth (meters)	3017
Site#:	511
Acoustic #:	69
Enable:	✓
Bottom ranges:	3044,
Burn #1:	13:36
Burn #2:	
Ranges after burn cycle:	2631, 2617
Time off bottom:	
Estimated surface time:	6:45 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011

Checkout By: RK

Cruise: Shillington

Site: 035512

Equipment SN:

Data Logger: 24
Acoustic: 2000-072
Frame: 82
Float: 0BS10-M4001
Light Strobe: 2006-108
Radio: 2002-065 2002-0020
L28: 0BS10-010015 GPO015
Hydrophone: 0BS10-HYD047

Data Logger Boards (SN):

CPU: 0108004
Seascan: 800
A2D: A0108 A018
CF: A013
Power: 320 7043
Backplane: _____

Compact Flash Cards (SN):

Card A: 8 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

recovery time = 2011-07-08 16:29:00
lat 54° 04.423
long -160° 14.634

Configuration:

Sync with GPS: 2011-189-10-14:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2011-189-11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64

1 (L28Y) Gain: 64

2 (L28Z) Gain: 64

3 (HYD) Gain: 16

Header Comment: 035512 July 8 2011

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge:

Deployment:

Time (GMT): 2011-189-11:32:00

Latitude: 54 04.216

Longitude: -160 14.160

Water Depth (m): 1988

Acoustics Disabled:

Ranging Survey:

Filename: _____

Recovery:

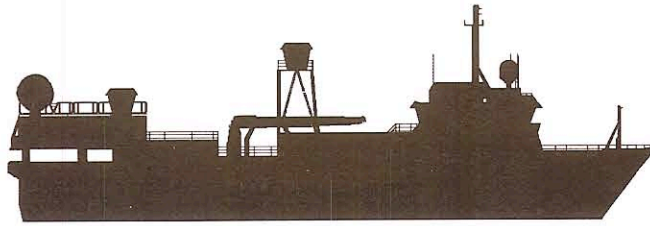
Time (GMT): 2011-192-16:39:59.9634201

OBS Time Tag: 2011-192-16:35:59.9634135

OBS Drift: -0.0365869

OBS Time OK: TFOM: 4
(From Terminal)

Filename: 512.OBS



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:15:20
Water depth (meters)	1988m
Site#:	512
Acoustic #:	72
Enable:	<input checked="" type="checkbox"/>
Bottom ranges:	28151
Burn #1:	15:30
Burn #2:	
Ranges after burn cycle:	1582, 1570
Time off bottom:	
Estimated surface time:	08:15 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2008

Checkout By: RK

Cruise: shkystr

Site: 0BS513

Equipment SN:

Data Logger: 89
Acoustic: 17
Frame: 01
Float: 0BS10-0PM00013
Light Strobe: 2004-016
Radio: 2008-114
L28: 0BS10-0100014
Hydrophone: 0BS10-HYD0046

Data Logger Boards (SN):

CPU: 0108077
Seascan: 897
A2D: 0109103
CF: 5207078
Power: 5107018
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-203 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

- originally as spare
used on the 5 line
CF Card replaced just in case

Configuration:

Sync with GPS: 2011:189:10:25:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 0BS 513 July 8 2011

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

Deployment:

Time (GMT): 2011:189:12:18:00Z
Latitude: 54 10.837
Longitude: -160 17.365
Water Depth (m): 1135 m

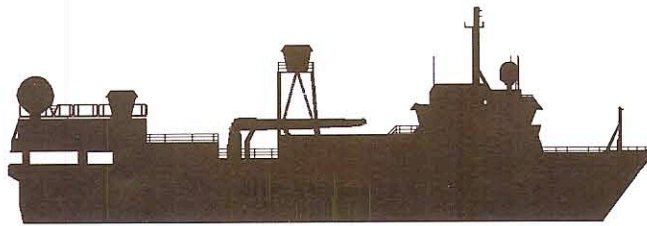
Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:17:55:00.0022423
OBS TimeTag: 2011:192:17:56:00.0022430
OBS Drift: +0.0022430
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 513.0BS

recovery time: 2011:192:17:50
lat: 54° 10.950'
long: -160° 18.309'



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:17:03:00
Water depth (meters)	1135
Site#:	513
Acoustic #:	17
Enable:	✓
Bottom ranges:	3608, 3551
Burn #1:	17:07
Burn #2:	
Ranges after burn cycle:	1221, 1202
Time off bottom:	
Estimated surface time:	9:40 LOCAL

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: PK

Cruise: Shillington
Site: OB514

Equipment SN:

Data Logger: 85
Acoustic: 146
Frame: 05
Float: 8510-MG0244
Light Strobe: 2000-0013
Radio: 2008-115
L28: OB510-00023
Hydrophone: 2008-0006

Data Logger Boards (SN):

CPU: A013
Seascan: 451
A2D: 0108027
CF: A004
Power: A009
Backplane: ~~2008-0006~~

Compact Flash Cards (SN):

Card A: 2008-510 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

recovery time: 2011:192:18:56:00
lat: 54° 17.596'
long: -160° 20.462'

Configuration:

Sync with GPS: 2011:189:12:03:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:13:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OB514 - July 8 2011

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

Deployment:

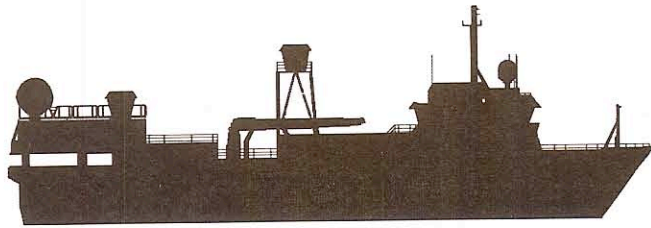
Time (GMT): 2011:13:02:30
Latitude: 54 17.446
Longitude: ~~160 80.52~~ -160.342529
Water Depth (m): 297

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:19:59:8309999
OBS Time Tag: 2011:192:19:06:59:8309732
OBS Drift: -0.1690268
OBS Time OK: TFOM: 4
(From Terminal)

Filename: 514.OBS



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:18:25:00
Water depth (meters)	297
Site#:	514
Acoustic #:	146
Enable:	✓
Bottom ranges:	2290
Burn #1:	18:30
Burn #2:	
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RK

Cruise: Shilkyton
Site: ORS 515

Equipment SN:

Data Logger: 71
Acoustic: 74
Frame: 75
Float: 08510-16033
Light Strobe: 2000-0004
Radio: 2008-123
L28: 08510-61049
Hydrophone: 08510-HYD027

Data Logger Boards (SN):

CPU: A005
Seascan: _____
A2D: 0108100
CF: 5207059
Power: 5107102
Backplane: _____

Compact Flash Cards (SN):

Card A: 2008-203 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

*BURN I did
not burn
2 commands
sent
checked voltage
on deck good
16V cable good
checked
okay!*

Configuration:

Sync with GPS: 2011:189:12:13:00
OBS Time OK: TFOM: 41
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:13:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: ORS 515 July 8 2011
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

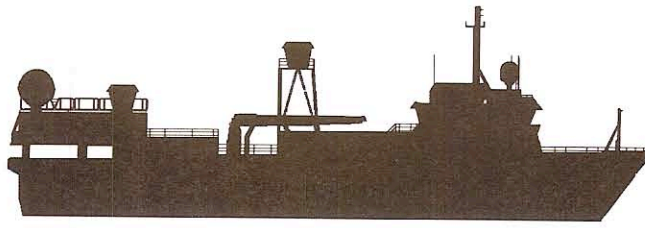
Time (GMT): 2011:189:13:53:30
Latitude: 54 24.066
Longitude: -160 23.811
Water Depth (m): 133

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

2011:
Time (GMT): 192:20:40:59.9898 785
OBS TimeTag: 2011:192:20:41:59.9898 762
OBS Drift: -0.010124
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	2011:192:19:35:00
Water depth (meters)	133
Site#:	515
Acoustic #:	74
Enable:	<input checked="" type="checkbox"/>
Bottom ranges:	1609, 1506
Burn #1:	19:46 / 19:57
Burn #2:	20:17
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RK

Cruise: Shillington
Site: OBS 516

Equipment SN:

Data Logger: 56
Acoustic: 88
Frame: 74
Float: OBS10-M070030
Light Strobe: 2000-0007
Radio: 2002-0073
L28: OBS10 4P0024
Hydrophone: 0810-140056

Data Logger Boards (SN):

CPU: 4708-030
Seascan: 105
A2D: 0108090
CF: 5207081
Power: 5107049
Backplane: _____

Compact Flash Cards (SN):

Card A: 2057 41 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

- This originally a spare

Configuration:

Sync with GPS: 2011:189:13:24:00²⁵
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:14:00:00

Channel Configuration: 4

of Channels: _____
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment:

OBS 516 July 8 2011

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

Deployment:

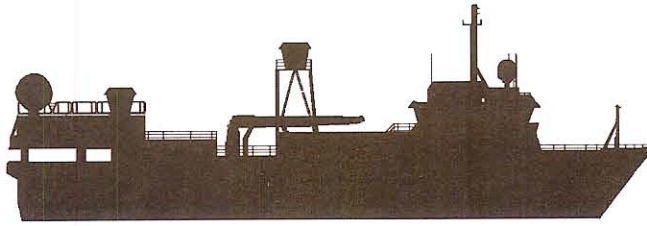
Time (GMT): 2011:189:14:31:00
Latitude: 54 30.676
Longitude: -160 27.1055
Water Depth (m): 148

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:21:45:00.0022302
OBS TimeTag: 2011:192:21:46:00.0022297
OBS Drift: +0.0022297
OBS Time OK: TFOM: _____
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC): 192:21:16
Water depth (meters) 148
Site#: 5/6
Acoustic #: 88
Enable: 21:18 (217)
Bottom ranges:
Burn #1: 21:22 (717)
Burn #2:
Ranges after burn cycle:
Time off bottom:
Estimated surface time: 21:33

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: Rk

Cruise: Shilkyton
Site: OB5517

Equipment SN:

Data Logger: 62
Acoustic: 95
Frame: 29
Float: OB510-M60003
Light Strobe: 2009-0054
Radio: 2002-0029
L28: OB10-HYD29
Hydrophone: OB510-GW45 ↗

Data Logger Boards (SN):

CPU: 010868065
Seascan: 807
A2D: 0108053
CF: 5207104
Power: 5107023
Backplane: _____

Compact Flash Cards (SN):

Card A: 15C size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:13:34:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:14:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OB5517 July 8 2011

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

Deployment:

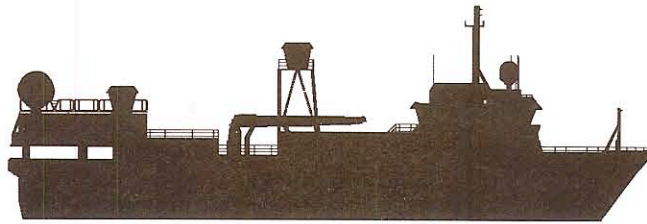
Time (GMT): 2011:189:18:13:00
Latitude: 154°37.283
Longitude: -160°30.372
Water Depth (m): 117

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:192:22:51:59.9976247
OBS Time Tag: 2011:192:22:58:59.9976256
OBS Drift: -0.002375
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	192:22:21
Water depth (meters)	117
Site#:	517
Acoustic #:	95
Enable:	22:21 (117)
Bottom ranges:	
Burn #1:	22:27 (717)
Burn #2:	
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	22:35 -> 22:35

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2004
Checkout By: RK

Cruise: ShiHydra
Site: 085518

Equipment SN:
Data Logger: 20
Acoustic: 910
Frame: 52
Float: 0310-M00245
Light Strobe: 2000-036
Radio: 2008-125
L28: 08518 - GPST 4
Hydrophone: 08518 - GPST HYD 0026

Data Logger Boards (SN):
CPU: 0108056 → A026
Seascan: 849
A2D: 0108005
CF: 5207012
Power: 4023
Backplane: _____

Compact Flash Cards (SN):
Card A: 2008-539 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info
Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info
Voltage: _____ / _____
Type: _____

Comments:
→ original OK drift too ~~and~~ much
→ Try with an one from bad logger
replaced with A026

Configuration:
Sync with GPS: 2011:189:16:00:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:16:00:00

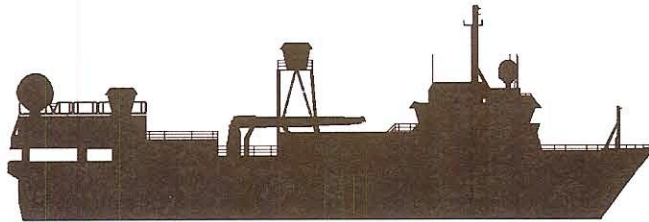
Channel Configuration:
of Channels: 4
Sampling Rate: 200 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: 085518 July 8 2004
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:
Time (GMT): 2011:189:16:03:00
Latitude: 54:43.942
Longitude: -160 33.724
Water Depth (m): 117

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:
Time (GMT): 2011:192:23:55:59.9800710
OBS TimeTag: 2011:192:23:56:59.9800663
OBS Drift: -0.019929
OBS Time OK: TFOM: 4
(From Terminal)
Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC): 192:23:26
Water depth (meters) 117
Site#: 518
Acoustic #: 96
Enable: ✓ (117)
Bottom ranges:
Burn #1: 23:34 (717)
Burn #2:
Ranges after burn cycle:
Time off bottom:
Estimated surface time: 23:44 → 23:43

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RK

Cruise: Shillington
Site: OBS519

Equipment SN:

Data Logger: 17
Acoustic: 31
Frame: 25
Float: OBS10-MG10095
Light Strobe: 700-0070
Radio: 2008-029
L28: OBS10-6P0070
Hydrophone: OBS10-HYD034

Data Logger Boards (SN):

CPU: A017
Seascan: 467
A2D: 0108083
CF: 5207054
Power: A028
Backplane: _____

Compact Flash Cards (SN):

Card A: ~~#6~~^{#6} size: 16 GB
Card B: 1 size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

→ Changed out CF Card #6
there was

Configuration:

Sync with GPS: 2011:189:15:26:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:16:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OBS519 July 8 2011
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

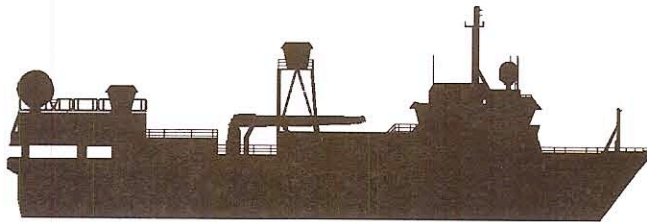
Time (GMT): 2011:189:16:58:00
Latitude: 54° 50.497
Longitude: -160° 37.048
Water Depth (m): 97

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:193:01:02:59.9810045
OBS Time Tag: 2011:193:01:03:59.9810011
OBS Drift: -0.018499
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	1921.00:30
Water depth (meters)	97
Site#:	519
Acoustic #:	97 31
Enable:	97 ✓
Bottom ranges:	
Burn #1:	00:36 (7/7)
Burn #2:	
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: RK

Cruise: Shulkyon
Site: OBS 520

Equipment SN:

Data Logger: 72
Acoustic: 108
Frame: 29
Float: OBS10-MIN00038
Light Strobe: 2000-0042
Radio: 2008-132
L28: OBS10-GP0072
Hydrophone: OBS10-AVD036

Data Logger Boards (SN):

CPU: A0004
Seascan: 458
A2D: 0108036
CF: 5207065
Power: 4011
Backplane: _____

Compact Flash Cards (SN):

Card A: T4-08 size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:16:27:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:17:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OBS 520 July 8 2011
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge:

Deployment:

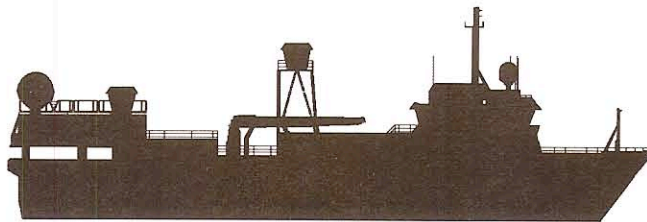
Time (GMT): 2011:189:17:47
Latitude: 54 57.1143
Longitude: -160 40.413
Water Depth (m): 81

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:193:02:22:00.0093150
OBS Time Tag: 2011:193:02:23:00.0093169
OBS Drift: 0.0093169
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	193'01:41
Water depth (meters)	81
Site#:	520
Acoustic #:	108
Enable:	01:43 (717)
Bottom ranges:	
Burn #1:	01:48
Burn #2:	
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Date/Time: July 8 2011
Checkout By: PK

Cruise: shelbytn
Site: OBS ~~521~~ 521

Equipment SN:

Data Logger: 38
Acoustic: 24
Frame: 08-05
Float: OBS10 - 6AM40001
Light Strobe: 2008-122
Radio: 2002-0019
L28: 2008-001
Hydrophone: OBS10 - 400010K

Data Logger Boards (SN):

CPU: 0108080
Seascan: 883
A2D: 0108052
CF: 5207067
Power: A013
Backplane: _____

Compact Flash Cards (SN):

Card A: 16A size: 16 GB
Card B: _____ size: _____ GB
Card C: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

Comments:

Configuration:

Sync with GPS: 2011:189:16:37:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2011:189:17:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (L28X) Gain: 64
1 (L28Y) Gain: 64
2 (L28Z) Gain: 64
3 (HYD) Gain: 16

Header Comment: OBS521 July 8 2011

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

Deployment:

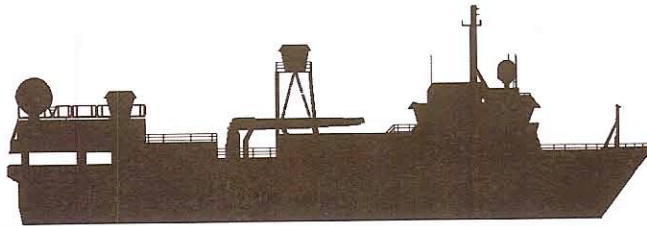
Time (GMT): 2011:189:18:46:00
Latitude: 55° 03.670
Longitude: -160° 43.765
Water Depth (m): 108 m

Acoustics Disabled:
Ranging Survey:
Filename: _____

Recovery:

Time (GMT): 2011:193:02:40:00 - 0039579
OBS TimeTag: 2011:193:03:41:00 - 0039587
OBS Drift: 00 - 0039579
OBS Time OK: TFOM: 4
(From Terminal)

Filename: _____



Cruise: Shillington 2011
Scripps OBS Recoveries

Date (UTC):	193:02:49
Water depth (meters)	108
Site#:	521
Acoustic #:	24
Enable:	<input checked="" type="checkbox"/>
Bottom ranges:	
Burn #1:	02:54
Burn #2:	
Ranges after burn cycle:	
Time off bottom:	
Estimated surface time:	

Notes: