

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 0.25 Cruise ID: Carbot
Checkout By (Deployment): EA Site ID: 09
SP4x4: LP4x4:

Equipment SN:

Data Logger: 71
Acoustic: 39
Frame: 51
Float: 51
Light Strobe: 2000-0038
Radio: 2002-0054
L28 / Trillium: 2007-039
Hyd / DPG: 60
Batt Bottle: —

Data Logger Boards (SN):

CPU: A915
Seascan: 457
A2D: 048-100
CF: S207-054
Power: S107-102
Backplane: —

Compact Flash Cards:

Card A#: 08025 size: 16 GB
Card B#: — size: — GB
Card C#: — size: — GB

Main Battery Info

Voltage: 7 / —
Type: Alk
Quantity: 3x Pack

Clock Battery Info

Voltage: — / —
Type: —

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? No
4x4 Software Version: 1.0.4J

Additional Comments:

MILSPEC
122 X 3

Configuration:

Sync with GPS: 2012 160 15:40:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 160 21:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE09 SN 71

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

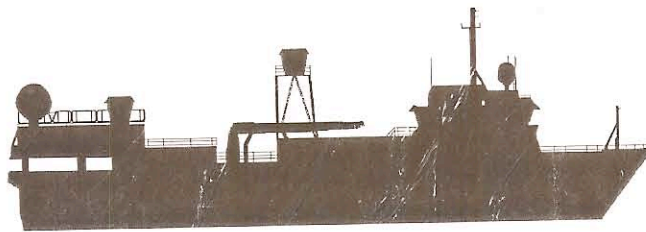
Deployment:

Time (GMT): 2012 160 17:02:00
Latitude: 45.383623
Longitude: -125.67870
Water Depth (m): 2621

Acoustics Disabled:
Ranging Survey:
Survey Filename: Site 9

Recovery:

OBS TimeTag 1: 2012:177.03:54:59.9072842
OBS TimeTag 2: 2012:177.03:55:59.9072816
OBS Drift: -0.092719
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: —



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	1
Acoustic #:	58
Water depth (meters)	2990
Enable:	3/7
Bottom ranges:	3426, 3390
Burn #1:	23:32 717
Burn #2:	
Ranges after burn cycle:	2674, 2663
Estimated time off bottom:	
Estimated surface time:	

Notes:

1+2

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbop

Checkout By (Deployment): MBJEA

Site ID: 01

SP4x4: LP4x4:

Equipment SN:

Data Logger: 86
Acoustic: 58
Frame: 54
Float: 2008-028
Light Strobe: NS0071
Radio: 2008-116
L28 / Trillium: 2007027
Hyd / DPG: Hyd065
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-052
Seascan: 828
A2D: 0108-093
CF: 5207-093
Power: 5107-040
Backplane: _____

Compact Flash Cards:

Card A#: 2012-110 size: 16 GB ✓
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9.1
Type: ATL
Quantity: 3x Pack

Clock Battery Info

Voltage: 1
Type: _____

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

Additional Comments:

MilSpec
122 x 3

Configuration:

Sync with GPS: 2012:160:05:18:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:160:10:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment:

Site 01 SN86
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:160:08:10
Latitude: 44.259570
Longitude: -125.32977
Water Depth (m): 2990

Acoustics Disabled:
Ranging Survey:
Survey Filename: Site 1

Recovery:

OBS TimeTag 1: 2012:192:07:59:59.1009839
OBS TimeTag 2: 2012:192:08:00:59.1009871
OBS Drift: _____
OBS Time OK: TFOM: _____
(From Terminal)

Raw Filename: _____
corrected time
2012:192:08:00:00.1009871
Corrected dr 1ft

~~2012~~ 0.1009871 Last Modified: Fri Apr 13 2012

4x4 Deployment Checklist

1+2

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carbot
Checkout By (Deployment): EA Site ID: 02
SP4x4: LP4x4:

Equipment SN:

Data Logger: 90
Acoustic: 38
Frame: 60
Float: ~~2008-0028~~ 2008-27
Light Strobe: 2002-0004
Radio: 2002-0052
L28 / Trillium: 2007-083
Hyd / DPG: 2000-0056
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-010
Seascan: 813
A2D: A015
CF: 5207-0019
Power: 5107-021
Backplane: _____

Compact Flash Cards:

Card A#: 2010-001 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
Type: A11
Quantity: 3xPack

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

mil spec
122x2

Configuration:

Sync with GPS: 2012:160:06:20:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:160:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: Site 02 SN 90
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

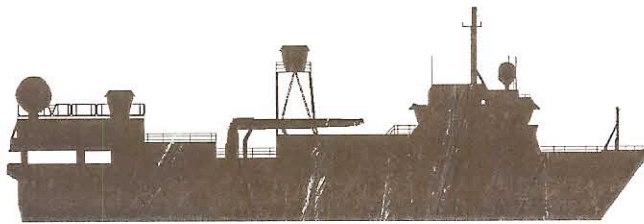
Time (GMT): 2012:16:09:13:00
Latitude: 44.391623
Longitude: -125.370525
Water Depth (m): 2972

Acoustics Disabled:
Ranging Survey:
Survey Filename: Site 2

Recovery:

OBS TimeTag 1: 2012:192:10:30:59.2040548
OBS TimeTag 2: 2012:192:10:31:59.204062
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 02_obs

connected to
2012:192:10:31:00.204062

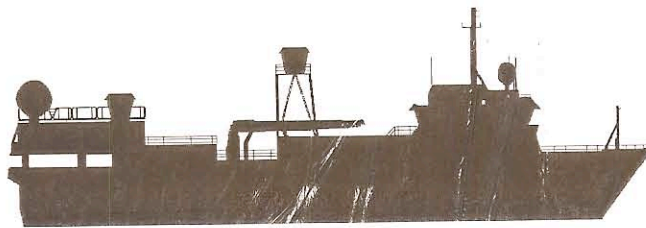


Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	2
Acoustic #:	38
Water depth (meters)	2972
Enable:	01:48 01:50 2/7 X 1/7
Bottom ranges:	3609, 3583, 3542
Burn #1:	01:52 7/7 02:03 7/7
Burn #2:	02:05 7/7
Ranges after burn cycle:	2595, 2584
Estimated time off bottom:	02:10
Estimated surface time:	03:15

Notes:

Burn 1 kicked out early, 4 min exactly
Burn 2 stays in
moisture in connector, tried to clean, inspect on return



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	19Z
Site #:	3
Acoustic #:	29
Water depth (meters)	2932
Enable:	04:16 6/7
Bottom ranges:	4271, 4214, 4153
Burn #1:	04:19 6/7
Burn #2:	
Ranges after burn cycle:	2523, 2512
Estimated time off bottom:	04:25
Estimated surface time:	05:30

Notes:

1+2

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): EA

Site ID: 03

SP4x4: LP4x4:

Equipment SN:

Data Logger: 23
 Acoustic: 2007 29
 Frame: 11
 Float: 98
 Light Strobe: 2008-06
 Radio: 2008-90
 L28 / Trillium: 2007-42
 Hyd / DPG: 67
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108024
 Seascan: 852
 A2D: 0108-028
 CF: 4508-18
 Power: A006
 Backplane: —

Compact Flash Cards:

Card A#: B02 size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9 / —
 Type: Alk
 Quantity: 3 vPacelle

Clock Battery Info

Voltage: — / —
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? 23" NO
 4x4 Software Version: 1.0.45

Additional Comments:

122x3

Configuration:

Sync with GPS: 2012:160:09:01:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:160:21:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 03 SN 23

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

Deployment:

Time (GMT): 2012:160:10:42:00
 Latitude: 44.53959
 Longitude: -125.41545
 Water Depth (m): 2932

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: Site 3

Recovery:

OBS TimeTag 1: 2012:192:12:37:003216293
 OBS TimeTag 2: 2012:192:12:38:003216293
 OBS Drift: 59.0378673
 OBS Time OK: TFOM: 4
 (From Terminal)

Raw Filename: Corrected file 00-0378673

2012:192:37:38:003216293



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	7
Acoustic #:	90
Water depth (meters)	2734
Enable:	7/7
Bottom ranges:	3325, 3286
Burn #1:	12:09 7/7
Burn #2:	
Ranges after burn cycle:	2406, 2396
Estimated time off bottom:	
Estimated surface time:	

Notes:

1+2

4x4 Deployment Checklist

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carbot
 Checkout By (Deployment): EA Site ID: 07
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 61
 Acoustic: 90
 Frame: 48
 Float: 50
 Light Strobe: ~~2008~~ 2008-099
 Radio: 2008-120
 L28 / Trillium: 2007-030
 Hyd / DPG: 59
 Batt Bottle:

Data Logger Boards (SN):

CPU: 2108-067
 Seascan: 831
 A2D: 0108-089
 CF: S207-042
 Power: S107-026
 Backplane:

Compact Flash Cards:

Card A#: 2008-609 size: 16 GB
 Card B#: size: GB
 Card C#: size: GB

Main Battery Info

Voltage: 9 / 1
 Type: AAK
 Quantity: 3x Pacific

Clock Battery Info

Voltage: /
 Type:

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? 22" NO
 4x4 Software Version: 1.0.4 5

Additional Comments:

misc spec
122

Configuration:

Sync with GPS: 2012:160:12:58:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:160:21:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment:

Site 07 SW61
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 ~~0608~~ 14:41:00
 Latitude: 45.092023
 Longitude: -125.585762
 Water Depth (m): 2734

Acoustics Disabled:

Ranging Survey:
 Survey Filename: SITE7

Recovery:

OBS TimeTag 1: 2012:192:20:24:58.8306307
 OBS TimeTag 2: 2012:192:20:25:58.8306294
 OBS Drift:
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 07.08J

Collect TAB:
2012:192:20:25:59.8306294

DRIFT = -0.169371

4x4 Deployment Checklist

1+2

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbox

Checkout By (Deployment): EA

Site ID: 08

SP4x4: LP4x4:

Equipment SN:

Data Logger: 55
Acoustic: 31
Frame: 49
Float: 13
Light Strobe: 2000-0017
Radio: 2002-0071
L28 / Trillium: 08-50 ?
Hyd / DPG: 66
Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108-048
Seascan: 1158
A2D: 0108-092
CF: S207-001
Power: S107-002
Backplane: —

Compact Flash Cards:

Card A#: 2008-516 size: 16 GB
Card B#: — size: — GB
Card C#: — size: — GB

Main Battery Info

Voltage: 9 / 1
Type: AH
Quantity: 3x8000

Clock Battery Info

Voltage: — / —
Type: —

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

Additional Comments:

~~122x2~~
122x3

Configuration:

Sync with GPS: 2012 160 13:59:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 160 21:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: Site 08 SN55
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012 160 1550:00
Latitude: 45.23802
Longitude: -125.632253
Water Depth (m): 2678

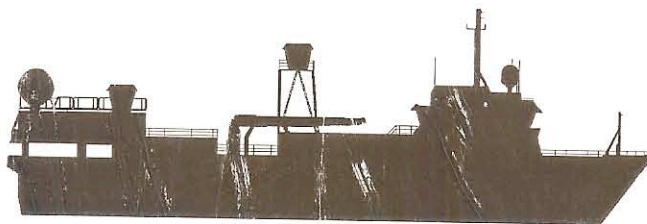
Acoustics Disabled:
Ranging Survey:
Survey Filename: Site 8

Recovery:

OBS TimeTag 1: 2012:192:22:31:58.9844859
OBS TimeTag 2: 2012:192:22:32:58.9844963
OBS Drift: —
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 08.OBS

CORRECT TAG =
2012:192:22:32:59.9844963

DMFT = -0.015504



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):
Site #: 9
Acoustic #: 39
Water depth (meters) 2620
Enable: 15/15
Bottom ranges: 2811, 2792
Burn #1: 15/15 19:45
Burn #2:
Ranges after burn cycle: 2265 2250
Estimated time off bottom:
Estimated surface time:

Notes:

on surface 20:44

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbotte

Checkout By (Deployment): FA

Site ID: 10

SP4x4: LP4x4:

Equipment SN:

Data Logger: 85
Acoustic: 69
Frame: 66
Float: 10
Light Strobe: 2008-092
Radio: 2008-114
L28 / Trillium: 25
Hyd / DPG: 57
Batt Bottle: —

Data Logger Boards (SN):

CPU: A013
Seascan: 451
A2D: 0108-023
CF: A009
Power: A009
Backplane: —

Compact Flash Cards:

Card A#: 2012-108 size: 16 GB
Card B#: — size: — GB
Card C#: — size: — GB

Main Battery Info

Voltage: 9.1
Type: ALK
Quantity: 3 x PACK

Clock Battery Info

Voltage: —
Type: —

4x4 Cards Fully Seated:

Did Shipping Vacuum Change? NO

4x4 Software Version: 1.0.4J

Additional Comments:

MILSPEC

122x3

Configuration:

Sync with GPS: 2012 160 16:45:00
22:

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012 160 22:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64

1 (Y-L28/Trill) Gain: 64

2 (Z-L28/Trill) Gain: 64

3 (Hyd/DPG) Gain: 16

Header Comment: SITE 10 SN 85

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012 160 18:01:56

Latitude: 45 31.667 N 052782

Longitude: -125 43.575 W 072308

Water Depth (m): 2489

Acoustics Disabled:

Ranging Survey:

Survey Filename: SITE10

Recovery:

OBS TimeTag 1: 2012:177:02:01:58.9424984

OBS TimeTag 2: 2012:177:02:02:58.9424784

OBS Drift: -1.057522

OBS Time OK: NO TFOM: 4

(From Terminal) off by 1 sec ahead

Raw Filename: 10.OBS

DEAD HYD, CH3



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC): 177:00:49
Site #: 10
Acoustic #: 69
Water depth (meters) 2315
Enable: 7/7
Bottom ranges: 3074, 3025
Burn #1: 7/7 17:51
Burn #2:
Ranges after burn cycle: 2071, 2061
Estimated time off bottom: 18:00
Estimated surface time: 18:50

43
58

Notes:

on surface @ 18:48

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): EA

Site ID: 11

SP4x4: LP4x4:

Equipment SN:

Data Logger: 20
 Acoustic: 74
 Frame: 23
 Float: 93
 Light Strobe: 2008-108
 Radio: 2008-015
 L28 / Trillium: 2007-020
 Hyd / DPG: 049
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 4026
 Seascan: 1645
 A2D: 0108-005
 CF: S207-012
 Power: A022
 Backplane: —

Compact Flash Cards:

Card A#: 1620²⁰⁰⁷⁻¹⁶ size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9
 Type: A1C
 Quantity: 3pack

Clock Battery Info

Voltage: 1
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? No
 4x4 Software Version: 1.0.45

Additional Comments:

MILSPEC
 122 X3

Configuration:

Sync with GPS: 2012 160 17:52:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012 160 22:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 11 SN20
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 160 19:08:00
 Latitude: 45.674677
 Longitude: -125.770007
 Water Depth (m): 24 24

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: SITE 11

Recovery:

OBS TimeTag 1: 2012:177:00:08:00.0024585
 OBS TimeTag 2: 2012:177:00:09:00.0024603
 OBS Drift: +0.0024603
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 11.03D



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	176:22:24
Site #:	11
Acoustic #:	74
Water depth (meters)	2405
Enable:	7/7
Bottom ranges:	3285, 3210
Burn #1:	7/7 15:25 → 16:20 7/7 15:41 → 16:35
Burn #2:	7/7 15:59
Ranges after burn cycle:	2426, 2426, 2427 / 2410, 2412
Estimated time off bottom:	2027, 2005, 1988
Estimated surface time:	17:00

2.3 km
out →

38
43
54

Full
15 min
cycle

03
28
43
58

Notes:
Burn 2 release it
Burn 1 sent twice did not release

4x4 Deployment Checklist

1

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbott

Checkout By (Deployment): EA

Site ID: 12

SP4x4: LP4x4:

Equipment SN:

Data Logger: 11
 Acoustic: 71
 Frame: 62
 Float: 92
 Light Strobe: 2600-0011
 Radio: 2002-0031
 L28 / Trillium: 59
 Hyd / DPG: 15
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 4708-033
 Seascan: 828
 A2D: 0108-027
 CF: 5207-107
 Power: 5107-068
 Backplane: —

Compact Flash Cards:

Card A#: 2008-680 size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9
 Type: Alk
 Quantity: 3x equal

Clock Battery Info

Voltage: 1
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.045

Additional Comments:

m.l.s.p.c
122x3
 ←
MAY HAVE MISLABELED HEADER

Configuration:

Sync with GPS: 2012:160:18:38:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:160:23:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 04
 3 (Hyd/DPG) Gain: 16

★ Header Comment: site 11 SN# 11
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 160 20:22:00
 Latitude: 45.833083
 Longitude: -125.813270
 Water Depth (m): 2341

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: site 12

Recovery:

OBS TimeTag 1: 2012:176:21:36:00.0532123
 OBS TimeTag 2: 2012:176:21:37:00.0532104
 OBS Drift: +0.0532164
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 12.OBS



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC): 176:20:25
Site #: 12
Acoustic #: 71
Water depth (meters) 2415
Enable: 7/7
Bottom ranges: 2957, 2897
Burn #1: 7/7 13:26
Burn #2:
Ranges after burn cycle: 1907, 1898
Estimated time off bottom:
Estimated surface time: 14:20

03
33
46
03

Notes:

ON surface 14:21

4x4 Deployment Checklist

Lab Checkout Date: 25/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbont

Checkout By (Deployment) : MG

Site ID: 13

SP4x4: LP4x4:

Equipment SN:

Data Logger: 02
 Acoustic: 60
 Frame: 6
 Float: 32
 Light Strobe: 2000-0067
 Radio: 2002-0016
 L28 / Trillium: 23
 Hyd / DPG: 2000-0006
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108-026
 Seascan: 819
 A2D: 0108-046
 CF: 5207-022
 Power: 5107-038
 Backplane: —

Compact Flash Cards:

Card A#: 2008-654 size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9.1
 Type: Palk
 Quantity: 3x Palk

Clock Battery Info

Voltage: — / —
 Type: —

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

Additional Comments:

MILSPEC
 122 X1

Configuration:

Sync with GPS: 2012 160 19:41:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012 161 02:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 13 SUB2

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

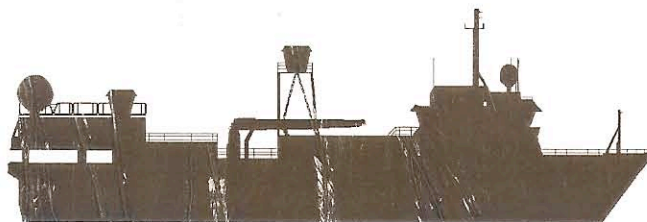
Deployment:

Time (GMT): 2012 160 21:25:00
 Latitude: 45.964572
 Longitude: -125.861758
 Water Depth (m): 2454

Acoustics Disabled:
 Ranging Survey: Site 13
 Survey Filename: —

Recovery:

OBS TimeTag 1: 2012:176:19:47:59.9793622
 OBS TimeTag 2: 2012:176:19:48:59.9793620
 OBS Drift: -0.020638
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 13.OBS



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	176
Site #:	13
Acoustic #:	60 - 5 m ^s Bottom
Water depth (meters)	2454
Enable:	
Bottom ranges:	
Burn #1:	11:36 / 11:44 2/7 ✓ / 7/7 OFF BOTTOM
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

11.7 KTS
4.6 Km out
ENABLED
Bottom !!

Notes: ON Surface 13:35

4x4 Deployment Checklist

1

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): MG

Site ID: 17

SP4x4: LP4x4:

Equipment SN:

Data Logger: 57
Acoustic: 97
Frame: 55
Float: 17
Light Strobe: 2008-117
Radio: 2008-130
L28 / Trillium: 2007-019
Hyd / DPG: 2007-019 18
Batt Bottle:

Data Logger Boards (SN):

CPU: 0108-055
Seascan: 790
A2D: 0108-051
CF: 5207-088
Power: 006
Backplane:

Compact Flash Cards:

Card A#: 2012-101 size: 16 GB
Card B#: size: GB
Card C#: size: GB

Main Battery Info

Voltage: 9 /
Type: AIR
Quantity: 3xPack

Clock Battery Info

Voltage: /
Type:

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

Additional Comments:

MILSPEC
122 x 3

ACOUSTIC ~~DIDN'T STOP~~
BURN 2 DID NOT SENSE
END.

Configuration:

Sync with GPS: 2012 160 22:02:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012 161 10:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64

1 (Y-L28/Trill) Gain: 64

2 (Z-L28/Trill) Gain: 64

3 (Hyd/DPG) Gain: 16

Header Comment: SITE 17 SN57

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 01:29:00

Latitude: 46.545113

Longitude: -126.051255

Water Depth (m): 2673

Acoustics Disabled:

Ranging Survey:

Survey Filename: SITE 17

Recovery:

OBS TimeTag 1: 2012:176:12:33:59.7732895

OBS TimeTag 2: 2012:176:12:34:59.7732398

OBS Drift: -0.226761

OBS Time OK: TFOM: 4

(From Terminal)

Raw Filename: 17.035



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	176
Site #:	17
Acoustic #:	97
Water depth (meters)	2673
Enable:	717
Bottom ranges:	4187
Burn #1:	717 10:21 4:21 local
Burn #2:	
Ranges after burn cycle:	2244, 2231
Estimated time off bottom:	
Estimated surface time:	

3 Km From Site
@ 11.5 KTS Speed
Beam!

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 0.25

Cruise ID: Carbat

Checkout By (Deployment): MG

Site ID: 18

SP4x4: LP4x4:

Equipment SN:

Data Logger: 95
Acoustic: 27
Frame: 64
Float: MG0045
Light Strobe: NS0070
Radio: NR0025
L28 / Trillium: GP0018
Hyd / DPG: HYD050
Batt Bottle:

Data Logger Boards (SN):

CPU: A005
Seascan: 1646
A2D: D108-047
CF: S207-101
Power: S107-08 085
Backplane:

Compact Flash Cards:

Card A#: 2010-1 size: 16 GB
Card B#: size: GB
Card C#: size: GB

Main Battery Info

Voltage: 9 /
Type: Alk
Quantity: 3x pack

Clock Battery Info

Voltage: /
Type:

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? No
4x4 Software Version: 1.0.45

Additional Comments:

MISCPEC
122 X1

Configuration:

Sync with GPS: 2012 160 22:24:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 161 12:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 18 SN95
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 02:43:00
Latitude: 46.685658
Longitude: -126.098838
Water Depth (m): 2641

Acoustics Disabled:
Ranging Survey: Survey
Survey Filename:

Recovery:

OBS TimeTag 1: 2012:176:10:36:59.9386461
OBS TimeTag 2: 2012:176:10:37:59.9386444
OBS Drift: -0.061356
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 18.085



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	176
Site #:	18
Acoustic #:	27
Water depth (meters)	2641
Enable: <input checked="" type="checkbox"/>	7/7
Bottom ranges:	3517
Burn #1:	09:22 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carbot
 Checkout By (Deployment): mlb Site ID: 19
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 67
 Acoustic: 62
 Frame: 29
 Float: MG00011
 Light Strobe: NS0001
 Radio: NA0042
 L28 / Trillium: GP0072
 Hyd / DPG: HY0036
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-065
 Seascan: 807
 A2D: 0108-053
 CF: S207-104
 Power: S107-023
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-649 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
 Type: Alk
 Quantity: 3 x Pack

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? 24" H6
 4x4 Software Version: 1.045

Additional Comments:

mlspec
122 x 3
Possibly - 33.9349

Configuration:

Sync with GPS: 2012:161:02:14:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:161:13:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 19 SN67
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 03:56:00
 Latitude: 46.837078
 Longitude: -126.147683
 Water Depth (m): 2617

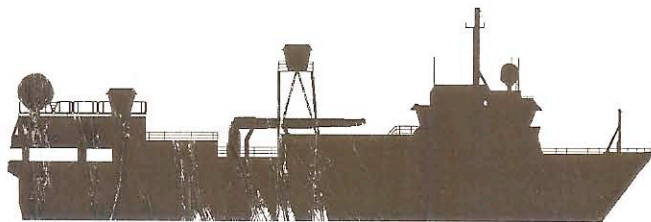
Acoustics Disabled:
 Ranging Survey:
 Survey Filename: site 19

Recovery:

OBS TimeTag 1: 2012:176:08:29:26.0666741
 OBS TimeTag 2: 2012:176:08:30:26.0651007
 OBS Drift: -26.0651007 -33.93490
 OBS Time OK: NO TFOM: 4
 (From Terminal) WAY OFF
 Raw Filename: 19.038

2012:176:08:35:26.0577026

★ Big Drift on clock



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	176:07:07
Site #:	19
Acoustic #:	62 5min Burn - NO
Water depth (meters)	2620
Enable:	7/7
Bottom ranges:	2630, 2627
Burn #1:	7/7 07:08 → 5 min? 7/7 07:13 → 2 min?
Burn #2:	
Ranges after burn cycle:	2567 2555
Estimated time off bottom:	23:27
Estimated surface time:	01:27

7/7 07:16 → 1 min?
7/7 07:19 → 1 min
7/7 07:22 → 1 min
7/7 07:24 → 1 min

15
30
45
00

17
32
47
03

16
31
47

18
33
48

Notes:

* CorriSON
water inside cable plug,
caused to short.

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: collbot
 Checkout By (Deployment): MB Site ID: 20
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 92
 Acoustic: 109
 Frame: 25
 Float: M600013
 Light Strobe: NS0061
 Radio: NR0024
 L28 / Trillium: GP0070
 Hyd / DPG: HYD034
 Batt Bottle:

Data Logger Boards (SN):

CPU: A029
 Seascan: 452
 A2D: 0108-008
 CF: S207-045
 Power: S107-016
 Backplane:

Compact Flash Cards:

Card A#: 08002 size: 16 GB
 Card B#: size: GB
 Card C#: size: GB

Main Battery Info

Voltage: 9 /
 Type: Alk
 Quantity: 3xPack

Clock Battery Info

Voltage: /
 Type:

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? N
 4x4 Software Version: 1.045

Additional Comments:

milspec
122x3

Configuration:

Sync with GPS: 2012:161:03:47:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:161:14:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 20 SN92
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

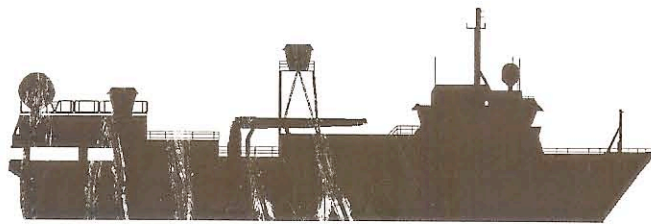
Time (GMT): 2012 161 04:57:00
 Latitude: 46.382170
 Longitude: -126.196107
 Water Depth (m): 2526

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: Site 20

Recovery:

OBS TimeTag 1: 2012:176:06:22:59.3910161
 OBS TimeTag 2: 2012:176:06:23:59.3909977
 OBS Drift: -0.609003
 OBS Time OK: NO TFOM: 4
 (From Terminal) off by a second
 Raw Filename: 20 OBS

TAG WAS GOOD, BUT OBS TIME WAS OFF BY 1 SEC.



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	176:05:06
Site #:	20
Acoustic #:	109
Water depth (meters)	2595
Enable:	15/15
Bottom ranges:	2083 2080
Burn #1:	15/15 22:09 noisy 11/15 22:27
Burn #2:	22:45 noisy
Ranges after burn cycle:	
Estimated time off bottom:	15 Released
Estimated surface time:	IF Release on 1st Burn 23:10

Notes:

22:18 Acoustic started pinging like crazy
raise threshold → no help.
Pwr ↓ Box → no help
Turn off Box after second Burn for 15 mins → No help
Pings, ping, ping.
Turned Box off again

Ranges - @ 23:00

723, 718, 711
590, 689, 678, 670
668, 666, 525, 677
684, 689
2937, 3003,

~~★~~ No Audio

ON surface
23:09

(1st)
2nd Burn
ETA - 23:30

1st + 2nd Burn
ETA 23:45

~~★~~ Unit was not pinging at surface. Most of been environmental Next site quite,

4x4 Deployment Checklist

1

Lab Checkout Date: 8/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): mb

Site ID: 21

SP4x4: LP4x4:

Equipment SN:

Data Logger: 78
 Acoustic: 83
 Frame: 65
 Float: M600006
 Light Strobe: N50076
 Radio: NR0041
 L28 / Trillium: 6P0037
 Hyd / DPG: HYD069
 Batt Bottle: -

Data Logger Boards (SN):

CPU: D108-059
 Seascan: 834
 A2D: 01
 CF: 5207-095
 Power: S107-017
 Backplane: -

Compact Flash Cards:

Card A#: 2008-603 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
 Type: Alk
 Quantity: 3x park

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:

Did Shipping Vacuum Change? NO

4x4 Software Version: 1.045

Additional Comments:

mls pcc
122x1

Configuration:

Sync with GPS: 2012:161:04:28:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:161:15:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64

1 (Y-L28/Trill) Gain: 64

2 (Z-L28/Trill) Gain: 64

3 (Hyd/DPG) Gain: 16

Header Comment: site 21 SN78

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 06:01:00

Latitude: 47.127237

Longitude: -126.245323

Water Depth (m): 2549

Acoustics Disabled:

Ranging Survey:

Survey Filename: site 21

Recovery:

OBS TimeTag 1: 2012:176:04:24:59.9786350

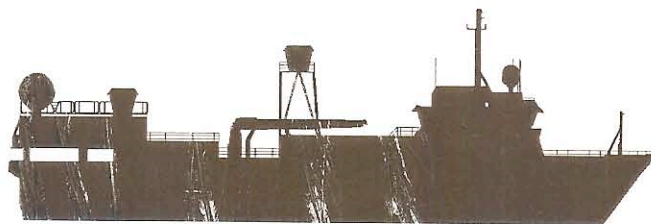
OBS TimeTag 2: 2012:176:04:25:59.9786392

OBS Drift: -0.021361

OBS Time OK: TFOM: 4

(From Terminal)

Raw Filename: 21.083



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC): 176:03:13
Site #: 21
Acoustic #: 83
Water depth (meters) 2545
Enable: 7/7
Bottom ranges: 2669, 2660
Burn #1: 7/7 20:16
Burn #2:
Ranges after burn cycle: 2208, 2189
Estimated time off bottom: 20:23
Estimated surface time: 21:15

Notes:

ON surface @ 21:14

1⁹

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carhot
 Checkout By (Deployment): MRL Site ID: ZZ
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 93
 Acoustic: 148
 Frame: 42
 Float: M600090
 Light Strobe: NS0077
 Radio: NR0058
 L28 / Trillium: G00004
 Hyd / DPG: HY0007
 Batt Bottle: -

Data Logger Boards (SN):

CPU: A019
 Seascan: 425
 A2D: 0108-101
 CF: S207-086
 Power: S107-009
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-023 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
 Type: ALC
 Quantity: 3xPack

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? no
 4x4 Software Version: 1.045

Additional Comments:

milspec
122 x 1

Configuration:

Sync with GPS: 2012:161:05:37:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:161:16:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 04
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 22 SN93
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:161:07:03:25:00
 Latitude: 47.271785
 Longitude: -126.294087
 Water Depth (m): 2503

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: site 22

Recovery:

OBS TimeTag 1: 2012:176:02:26:59.9471096
 OBS TimeTag 2: 2012:176:02:27:59.9471083
 OBS Drift: -0.052892
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 22.08J



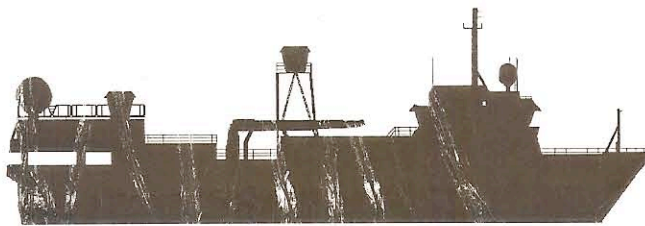
**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	176.01.00
Site #:	22
Acoustic #:	148
Water depth (meters)	2490
Enable:	7/7
Bottom ranges:	2000, 2578
Burn #1:	7/7 18:12
Burn #2:	
Ranges after burn cycle:	2057, 2045
Estimated time off bottom:	18:19
Estimated surface time:	19:20

Notes:

ON SURFACE @ 19:10

03
18
33



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	173
Site #:	27
Acoustic #:	64
Water depth (meters)	81
Enable:	4/7
Bottom ranges:	789, 717
Burn #1:	7/7 07:40
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: CarbDA

Checkout By (Deployment): EA

Site ID: 27

SP4x4: LP4x4:

Equipment SN:

Data Logger: 38
Acoustic: 64
Frame: 15
Float: 2008-003
Light Strobe: 2008-095
Radio: 2008-109
L28 / Trillium: 66
Hyd / DPG: 001
Batt Bottle: —

Configuration:

Sync with GPS: 2012:161:16:27:00
OBS Time OK: TFOI: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:161:22:00:00

Channel Configuration:

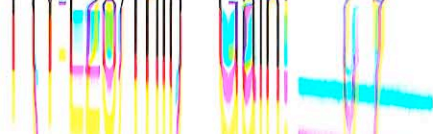
of Channels: 4
Sampling Rate: 200 SPS

Data Logger Boards (SN):

CPU: 0102-036 AD04
Seascan: 849



0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64







Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	173
Site #:	27
Acoustic #:	64
Water depth (meters)	81
Enable:	4/7
Bottom ranges:	789, 717
Burn #1:	7/7 07:40
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbora

Checkout By (Deployment): EA

Site ID: 27

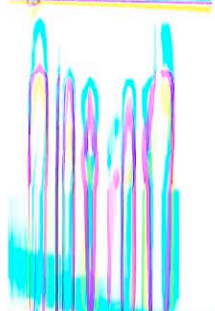
SP4x4: LP4x4:

Equipment SN:

Data Logger: 38
 Acoustic: 64
 Frame: 15
 Float: 2008-008
 Light Strobe: 2008-095
 Radio: 2008-109
 L28 / Trillium: 66
 Hyd / DPG: 001
 Batt Bottle: —

Data Logger Boards (SN):

CPU: diag-056 AD04
 Seascan: 849



CF: 5207-067
 Power: A015
 Backplane: —

Compact Flash Cards:

Card A#: 2008-063 size: 16 GB ✓
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9
 Type: ATL
 Quantity: 3x Park

Clock Battery Info

Voltage: —
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? N
 4x4 Software Version: 1.045

Additional Comments:

milspec
122 x 3
CLK OFF by 5.6 seconds
SWAPPED OUT CPU/CLK
(OK)

Configuration:

Sync with GPS: 2012:161:16:27:00

OBS Time OK: TFOM: 4

(From Terminal)
 Time Tag OK:

Wakeup Time: 2012:161:22:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64

1 (Y-L28/Trill) Gain: 64

2 (Z-L28/Trill) Gain: —

3 (Hyd/DPG) Gain: 16

Header Comment: Site 27 Sw 38

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 19:17:00

Latitude: 47.111337

Longitude: -124.593262

Water Depth (m): 81

Acoustics Disabled:

Ranging Survey:

Survey Filename: —

Recovery:

OBS TimeTag 1: 2012:173:08:04:59.940787

OBS TimeTag 2: 2012:173:08:05:59.9407420

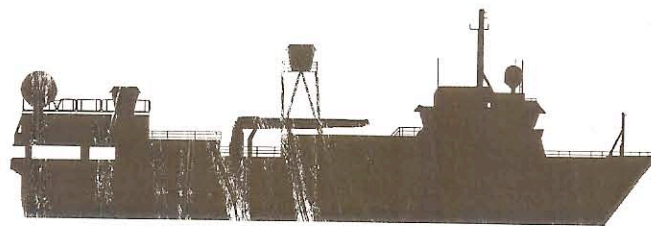
OBS Drift: -0.059258

OBS Time OK: TFOM: 4

(From Terminal)

Raw Filename: 27.088

* DEAD Hyd channel



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	173
Site #:	28
Acoustic #:	43
Water depth (meters)	129
Enable:	371325 ✓ 7/7
Bottom ranges:	
Burn #1:	✓ 7/7 1:57 CalAL
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): MA

Site ID: 28

SP4x4: LP4x4:

Equipment SN:

Data Logger: 39
Acoustic: 43
Frame: 77
Float: 99
Light Strobe: 21
Radio: 2008-105
L28 / Trillium: 19
Hyd / DPG: 51
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-020
Seascan: _____
A2D: 0108-021
CF: 5207-097
Power: 5207-091
Backplane: _____

Compact Flash Cards:

Card A#: 2008-087 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
Type: Alk
Quantity: 3x Pa&L

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

m)spec
122 x 1

Configuration:

Sync with GPS: 2012 161 8:53:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 161 23:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: Site 28 SN39
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

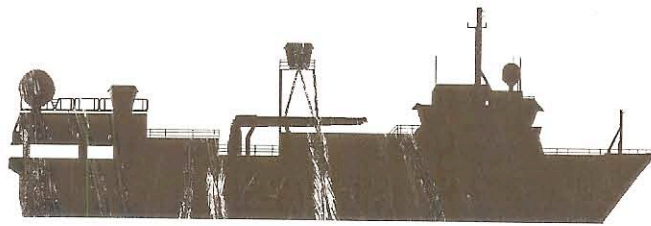
Deployment:

Time (GMT): 2012 161 20:25:00
Latitude: 47.123037
Longitude: -124.783447
Water Depth (m): 129

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:09:19:00.0071578
OBS TimeTag 2: 2012:173:09:20:00.0071579
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 28.OBS



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	173
Site #:	29
Acoustic #:	32
Water depth (meters)	300
Enable:	310145 ✓ 7/7
Bottom ranges:	549
Burn #1:	3105 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1
8

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carhot

Checkout By (Deployment): MA

Site ID: 29

SP4x4: LP4x4:

Equipment SN:

Data Logger: 68
Acoustic: 32
Frame: 20
Float: MB00012
Light Strobe: NS0067
Radio: NK0032
L28 / Trillium: GP0007
Hyd / DPG: 43
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-038
Seascan: 1159
A2D: 0108-060
CF: A024
Power: 5107-041
Backplane: _____

Compact Flash Cards:

Card A#: 2008-515 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
Type: A16
Quantity: 3xPALL

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

MILSPEC
122X1

PPS@Recovery

Configuration:

Sync with GPS: 2012 161 19:47:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012 162 01:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64

1 (Y-L28/Trill) Gain: 64

2 (Z-L28/Trill) Gain: 64

3 (Hyd/DPG) Gain: 16

Header Comment: SITE 29 SN68

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 21:32:00

Latitude: 47.147338

Longitude: -124.984832

Water Depth (m): ~~300~~ ~ 300m

Acoustics Disabled:

Ranging Survey:

Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:10:31:59.9720709

OBS TimeTag 2: 2012:173:10:32:59.9720694

OBS Drift: -0.027931

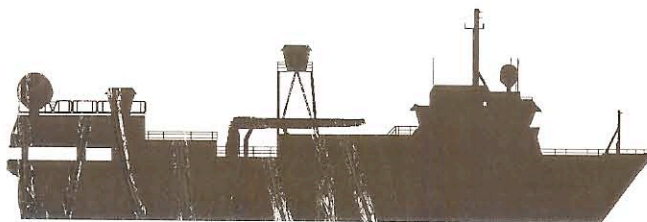
OBS Time OK: TFOM: 4

(From Terminal) NO

Raw Filename: _____

I'm NOT SURE THIS LOGGED
WAKE UP. (IT DID)

DEAD CH2



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	173
Site #:	3 8
Acoustic #:	72
Water depth (meters)	1260
Enable: <input checked="" type="checkbox"/>	7/7
Bottom ranges:	1516
Burn #1:	4:13 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: 41602

Checkout By (Deployment): MRG

Site ID: 30

SP4x4: LP4x4:

Equipment SN:

Data Logger: 56
Acoustic: 57 72
Frame: 57
Float: 39
Light Strobe: 2009-011
Radio: NR 0036
L28 / Trillium: Q40013
Hyd / DPG: 044
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-030
Seascan: 105
A2D: 0108-090
CF: 5207-081
Power: 5107-049
Backplane: _____

Compact Flash Cards:

Card A#: 08039 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / 1
Type: ALK
Quantity: 3 x 9000

Clock Battery Info

Voltage: _____ / _____
Type: _____

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

Additional Comments:

MILSPEC
122X3

Configuration:

Sync with GPS: 2012 161 21:02:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 162 03:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 30 SN 56

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

Deployment:

Time (GMT): 2012 161 22:31:00
Latitude: 47.174617
Longitude: -125.138572
Water Depth (m): no reading; should be ~1200-1300m

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:12:01:00.0069678
OBS TimeTag 2: 2012:173:12:02:00.0069685
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: _____



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	173
Site #:	31
Acoustic #:	61
Water depth (meters)	1504
Enable:	4/7
Bottom ranges:	
Burn #1:	9:52 local 7/7
Burn #2:	
Ranges after burn cycle:	1174, 1163
Estimated time off bottom:	
Estimated surface time:	10:25 local

Notes:

4x4 Deployment Checklist

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Cerberus
 Checkout By (Deployment): MG Site ID: 31
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 17
 Acoustic: 61
 Frame: 08004
 Float:
 Light Strobe: 2000-0070
 Radio: 2009-009
 L28 / Trillium: G90002
 Hyd / DPG: WYD020
 Batt Bottle: -

Data Logger Boards (SN):

CPU: A017
 Seascan: 467
 A2D: 0108-083
 CF: 5207-054
 Power: A027
 Backplane:

Compact Flash Cards:

Card A#: 2008-647 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

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

Additional Comments:

WILSPEC
123 X3

Configuration:

Sync with GPS: 2012 161 22:05:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012 162 04:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 31 SN17
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 161 23:19:00
 Latitude: 47.201442
 Longitude: -125.290252
 Water Depth (m): 1504

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:17:38:59.9192029
 OBS TimeTag 2: 2012:173:17:39:59.9191989
 OBS Drift: -0.080802
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 31.OBS

* 60.9 MB DATA Collected
 DID NOT RECORD DATA
 CARD READER ERROR
 DATA OK



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	173
Site #:	32
Acoustic #:	82
Water depth (meters)	1768
Enable: <input checked="" type="checkbox"/>	7/7
Bottom ranges:	1946
Burn #1:	11:10 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	1408, 1399
Estimated time off bottom:	
Estimated surface time:	12:05 PM LOCAL

Notes:

4x4 Deployment Checklist

1

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carbot
 Checkout By (Deployment): MG Site ID: 32
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 49
 Acoustic: 82
 Frame: 75
 Float: 240
 Light Strobe: 2000-0003
 Radio: 2608-092
 L28 / Trillium: NYD0275
 Hyd / DPG: AP0047R
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: D108-098
 Seascan: 444
 A2D: 0108-066
 CF: 5207083
 Power: 5107022
 Backplane: _____

Compact Flash Cards:

Card A#: 08018 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
 Type: AK
 Quantity: 3x 8000

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

MISPEC
 122x3

Configuration:

Sync with GPS: 2012 161 22:56:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012 162 05:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 32 SP4D
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012 162 00:11:00
 Latitude: 47.228675
 Longitude: -125.445843
 Water Depth (m): 1768

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:19:06:59.9881878
 OBS TimeTag 2: 2012:173:19:07:59.9881878
 OBS Drift: -0.011813
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 32.OBS

DEAD CH1 + CH2



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC): 173-19-40
Site #: 33
Acoustic #: 34
Water depth (meters) 12.67
Enable: 7/7
Bottom ranges:
Burn #1: 7/7 - 12:43
Burn #2:
Ranges after burn cycle:
Estimated time off bottom: 12:47
Estimated surface time: 13:15

Notes:

on surface @ 13:18

58

4x4 Deployment Checklist

1

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: carbot
Checkout By (Deployment): MG Site ID: 33
SP4x4: LP4x4:

Equipment SN:

Data Logger: 21
Acoustic: 34
Frame: 41
Float: 95
Light Strobe: 2008-116
Radio: 2002-0063
L28 / Trillium: GP0073
Hyd / DPG: HYD 037
Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108-073
Seascan: 838
A2D: 0108-082
CF: 5207-028
Power: 4208-14
Backplane: —

Compact Flash Cards:

Card A#: 08032 size: 16 GB
Card B#: — size: — GB
Card C#: — size: — GB

Main Battery Info

Voltage: 4 / —
Type: MLK
Quantity: 3x Pack

Clock Battery Info

Voltage: — / —
Type: —

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

Additional Comments:

MILSPEC
122X3
Lost Mud Plate

Configuration:

Sync with GPS: 2012 161 23:45:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 162 06:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 33 SN 21
Start Experiment: Clock Batte:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

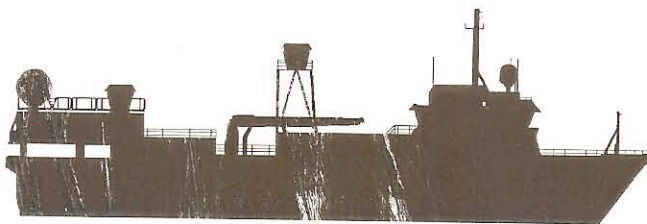
Deployment:

Time (GMT): 2012 162 01:07:00
Latitude: 47.255200
Longitude: -125.600200
Water Depth (m): 1257

Acoustics Disabled:
Ranging Survey:
Survey Filename: —

Recovery:

OBS TimeTag 1: 2012:173:20:27:59.9430078
OBS TimeTag 2: 2012:173:20:28:59.9430052
OBS Drift: -0.056995
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: —



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC): 173.21.00
Site #: 34
Acoustic #: 67
Water depth (meters) 1760
Enable: 2/7
Bottom ranges: 2217, 2009, 1979, 1916
Burn #1: 7/7 - 14:07
Burn #2:
Ranges after burn cycle: 1407, 1387
Estimated time off bottom: 14:15
Estimated surface time:

29
44

Notes:
on surface . 14:50

4x4 Deployment Checklist

1 10

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbat

Checkout By (Deployment): MG

Site ID: 34

SP4x4: LP4x4:

Equipment SN:

Data Logger: 05
Acoustic: 67
Frame: 52
Float: MG00246
Light Strobe: 200917
Radio: NR0027
L28 / Trillium: GP0048
Hyd / DPG: HYD026
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-107
Seascan: 833
A2D: 0108-094
CF: 5207-075
Power: S107-033
Backplane: _____

Compact Flash Cards:

Card A#: 2008-608 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
Type: MLK
Quantity: 3x9000

Clock Battery Info

Voltage: _____ / _____
Type: _____

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

Additional Comments:

MILSPEC
~~122X3~~

Configuration:

Sync with GPS: 2012 162 00:39:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012 162 07:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 34 SNG5

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

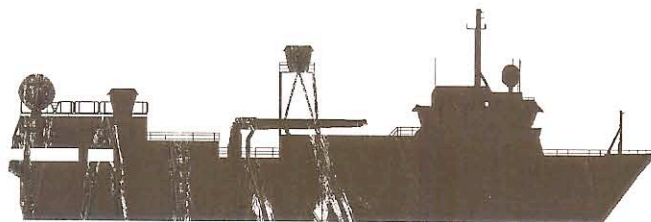
Deployment:

Time (GMT): 2012 162 02:16:00
Latitude: 47.298170
Longitude: -125.794572
Water Depth (m): 1762

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:173:22:12.00.0030910
OBS TimeTag 2: 2012:173:22:13:00.0030931
OBS Drift: +0.0030931
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: _____



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC): 2012, 174:04:17
Site #: 38
Acoustic #: 73
Water depth (meters) 2466
Enable: 7/7
Bottom ranges: 2655, 2644
Burn #1: 7/7 21:20
Burn #2:
Ranges after burn cycle: 2213 2200
Estimated time off bottom: 21:29
Estimated surface time: 22:20

Notes:
ON surface @ 22:19

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): A16

Site ID: 38

SP4x4: LP4x4:

Equipment SN:

Data Logger: 13
 Acoustic: 73
 Frame: 71
 Float: MG00003
 Light Strobe: NS0079
 Radio: NH0088
 L28 / Trillium: GP0053
 Hyd / DPG: HYD025
 Batt Bottle: —

Data Logger Boards (SN):

CPU: A001
 Seascan: 3447
 A2D: 0108-038
 CF: 5207-027
 Power: 5107-007
 Backplane: —

Compact Flash Cards:

Card A#: 2008-642 size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9 / —
 Type: A112
 Quantity: 3x Pack

Clock Battery Info

Voltage: — / —
 Type: —

4x4 Cards Fully Seated:

Did Shipping Vacuum Change? ZZ

4x4 Software Version: 1.045

Additional Comments:

mlspec

S-

122x3

Flag Broke off

Configuration:

Sync with GPS: 2012:162:01:46:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:162:10:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 38 sn 13

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012:162:07:23:00

Latitude: 42.503023

Longitude: -1.26794947

Water Depth (m): 2475

Acoustics Disabled:

Ranging Survey:

Survey Filename: site38

Recovery:

OBS TimeTag 1: 2012:174:05:29:59.9784724

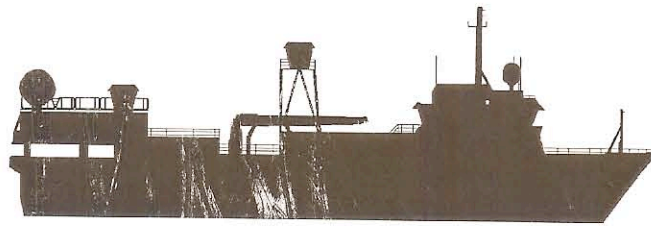
OBS TimeTag 2: 2012:174:05:30:59.9784713

OBS Drift: -0.021529

OBS Time OK: TFOM: 4

(From Terminal)

Raw Filename: —



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC): 174:06:07
Site #: 39
Acoustic #: 27
Water depth (meters) 2540
Enable: 7/7
Bottom ranges: 2692, 2687
Burn #1: 7/7 23:10
Burn #2:
Ranges after burn cycle: 2461, 2449, 2437
Estimated time off bottom: 23:17
Estimated surface time: 00:10

Notes:

8 min Burn?

4x4 Deployment Checklist

1⁶ 39

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: Carbot

Checkout By (Deployment): MRK

Site ID: 39

SP4x4: LP4x4:

Equipment SN:

Data Logger: 50
 Acoustic: 7
 Frame: 08-05
 Float: 58
 Light Strobe: 2008-65
 Radio: 2008-25
 L28 / Trillium: 0820
 Hyd / DPG: 2008-01
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-014
 Seascan: 835
 A2D: 0108-010
 CF: 5707-031
 Power: 5107-007
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-533 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9
 Type: AILL
 Quantity: 3x Pack

Clock Battery Info

Voltage: _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? 23 1/2
 4x4 Software Version: 1.045

Additional Comments:

mlspec
 122x3

Configuration:

Sync with GPS: 2012:162:04:31:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:162:12:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 39 SN50
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

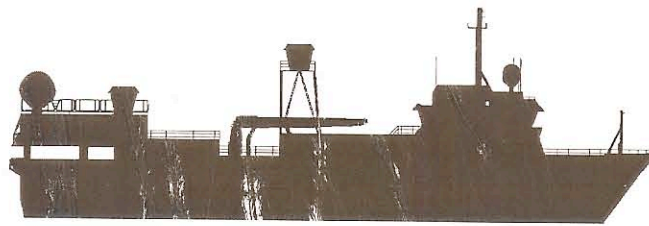
Deployment:

Time (GMT): 2012:162:08:38:21
 Latitude: 47.543130
 Longitude: -126.935630
 Water Depth (m): 2542

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: Site39

Recovery:

OBS TimeTag 1: 2012:174:07:00:0324271
 OBS TimeTag 2: 2012:174:07:20:00:0324303
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 39.088



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	174
Site #:	40
Acoustic #:	125
Water depth (meters)	2564
Enable: <input checked="" type="checkbox"/>	7/7
Bottom ranges:	2632
Burn #1:	1:03 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	2143, 2131
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: Carbot
 Checkout By (Deployment): EA Site ID: 40
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 47
 Acoustic: 125
 Frame: 63
 Float: 58
 Light Strobe: 2009-014
 Radio: 2008-19
 L28 / Trillium: 2007-18
 Hyd / DPG: 64
 Batt Bottle: —

Data Logger Boards (SN):

CPU: A023
 Seascan: 010-2007
 A2D: A012
 CF: S207-004
 Power: S107-074
 Backplane: —

Compact Flash Cards:

Card A#: 2008-651 size: 16 GB ✓
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 9 / _____
 Type: A14
 Quantity: 3 packs

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

MILSPEC
122X3

Configuration:

Sync with GPS: 2012:162:08:19:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:162:12:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 40 SN 47
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:162:09:48:53
 Latitude: 47.582943
 Longitude: -127.127977
 Water Depth (m): 2564

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: Site 40

Recovery:

OBS TimeTag 1: 2012:174:09:20:59.9424476
 OBS TimeTag 2: 2012:174:09:21:59.9424476
 OBS Drift: -0.057552
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 40.088



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	174
Site #:	41
Acoustic #:	105
Water depth (meters)	2616
Enable:	7/7
Bottom ranges:	2705
Burn #1:	3:14 local 7/7
Burn #2:	
Ranges after burn cycle:	2214, 2199
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: 5/30/2012 Shipping Vacuum (In.Hg): 25

Cruise ID: CYR801

Checkout By (Deployment) : EA

Site ID: 41

SP4x4: LP4x4:

Equipment SN:

Data Logger: SP-63
 Acoustic: 105
 Frame: 24
 Float: 52
 Light Strobe: 200-0073
 Radio: 2009-019
 L28 / Trillium: 2007-16
 Hyd / DPG: 71
 Batt Bottle: —

Data Logger Boards (SN):

CPU: A011
 Seascan: 459
 A2D: 0108-109
 CF: A006
 Power: A026
 Backplane: —

Compact Flash Cards:

Card A#: 2008-636 size: 16 GB
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9 / 1
 Type: ALK
 Quantity: 3x PACK

Clock Battery Info

Voltage: — / —
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

*mil spec
122 x 1*

Configuration:

Sync with GPS: 2012:162:09:14:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:162:13:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 41 SNG3

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

Deployment:

Time (GMT): 2012:162:10:54:23
 Latitude: 47627508
 Longitude: -127320060
 Water Depth (m): 2616

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: SITE41

Recovery:

OBS TimeTag 1: 2012:174:11:29:59.9198698
 OBS TimeTag 2: 2012:174:11:30:59.9198663
 OBS Drift: -0.080134
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 41.OBS



**Cruise: OC1206A - Carbotte
Scripps OBS Recoveries**

Date (UTC):	174
Site #:	45
Acoustic #:	86
Water depth (meters)	2673
Enable:	7/7
Bottom ranges:	2765
Burn #1:	10:39 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	2232, 2208
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 0.5

Cruise ID: CO1607

Checkout By (Deployment): EA

Site ID: 45

SP4x4: LP4x4:

Equipment SN:

Data Logger: 73
 Acoustic: 86
 Frame: 17
 Float: 91
 Light Strobe: NS0006
 Radio: NR0087
 L28 / Trillium: GP0060
 Hyd / DPG: HYD014
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 0108-032
 Seascan: 792
 A2D: 0108-078
 CF: S207-048
 Power: S107-044
 Backplane: —

Compact Flash Cards:

Card A#: 2008-531 size: 16 GB ✓
 Card B#: — size: — GB
 Card C#: — size: — GB

Main Battery Info

Voltage: 9 / 1
 Type: ML
 Quantity: 3x Parallel

Clock Battery Info

Voltage: — / —
 Type: —

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

MILSPEC
 122x3

Configuration:

Sync with GPS: 2012:162:13:22:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:162:16:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SR45 SN73
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

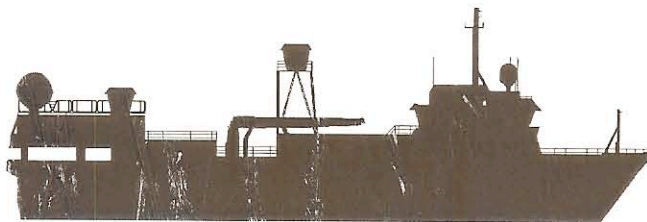
Deployment:

Time (GMT): 2012:162:14:42:07
 Latitude: 47.776102
 Longitude: -128.080920
 Water Depth (m): 2673

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: SR45

Recovery:

OBS TimeTag 1: 2012:174:18:48:00.0401722
 OBS TimeTag 2: 2012:174:18:49:00.0401763
 OBS Drift: —
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 45.OBS



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC):	
Site #:	46
Acoustic #:	59
Water depth (meters)	2670
Enable:	7/7
Bottom ranges:	3154, 3109
Burn #1:	7/7 12:28
Burn #2:	
Ranges after burn cycle:	2336, 2323, 2310
Estimated time off bottom:	12:30
Estimated surface time:	13:30

S2

Notes:

4x4 Deployment Checklist

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 25 Cruise ID: CarboA
 Checkout By (Deployment): EA Site ID: 46
 SP4x4: LP4x4:

Equipment SN:
 Data Logger: 74
 Acoustic: 59
 Frame: 08006
 Float: 54
 Light Strobe: N30043
 Radio: 2608-122
 L28 / Trillium: G80006
 Hyd / DPG: HYD008
 Batt Bottle: _____

Data Logger Boards (SN):
 CPU: 4708-019
 Seascan: 456
 A2D: 0108-015
 CF: 5207-085
 Power: 5107-059
 Backplane: _____

Compact Flash Cards:
 Card A#: 2012-100 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info
 Voltage: 9 / _____
 Type: Alk
 Quantity: 3x pack

Clock Battery Info
 Voltage: _____ / _____
 Type: _____

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

Additional Comments:
MALSPEC
122x3
 * When reset did not ask for "OBS" did not act like it was already configured.

Configuration:
 Sync with GPS: 2012:162:14:07:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:162:17:00:00

Channel Configuration:
 # of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 46 SN 74
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:
 Time (GMT): 2012 162 1545:00
 Latitude: 47.814357
 Longitude: -128.280652
 Water Depth (m): 2681

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: SITE 46

Recovery:
 OBS TimeTag 1: 2012:174:20:38:59.9662364
 OBS TimeTag 2: 2012:174:20:39:59.9662363
 OBS Drift: -0.033764
 OBS Time OK: TFOM: 4
 (From Terminal) NO -> 4 date off
 Raw Filename: _____

NO DATA ON CARD

4x4 Deployment Checklist

1

Lab Checkout Date: 5/31/2012 Shipping Vacuum (In.Hg): 0.5 Cruise ID: Carbot
Checkout By (Deployment): EA Site ID: 47
SP4x4: LP4x4:

Equipment SN:

Data Logger: 94
Acoustic: 146
Frame: 14
Float: AG00055
Light Strobe: NS0066
Radio: NR0066
L28 / Trillium: GP0049
Hyd / DPG: HY0016
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108-030
Seascan: 833
A2D: 0108-032
CF: A002
Power: A023
Backplane: _____

Compact Flash Cards:

Card A#: 26 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 4 / _____
Type: Alk
Quantity: 3x Pack

Clock Battery Info

Voltage: _____ / _____
Type: _____

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

Additional Comments:

MILSPEC
122X1

Configuration:

Sync with GPS: 2012:162:15:06:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:162:18:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 47 SN 94

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

Deployment:

Time (GMT): 2012 162 16:46
Latitude: 47.851827
Longitude: -128.473485
Water Depth (m): 2686

Acoustics Disabled:
Ranging Survey:
Survey Filename: Site 47

Recovery:

OBS TimeTag 1: 2012:174:22:30:00,0132223
OBS TimeTag 2: 2012:174:22:31:00,0132233
OBS Drift: + 0.0132233
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 47.038



Cruise: OC1206A - Carbotte
Scripps OBS Recoveries

Date (UTC): 174 21:18
Site #: 47
Acoustic #: 146
Water depth (meters) 2690
Enable: 7/7 15/15
Bottom ranges: 3155, 3110,
Burn #1: 15/15 14:19
Burn #2:
Ranges after burn cycle: 2287, 2275
Estimated time off bottom: 14:27
Estimated surface time: 15:20

sec
42
57

Notes:

ON surface 15:19



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	191
Site #:	48
Acoustic #:	74
Water depth (meters)	189
Enable:	7/7
Bottom ranges:	759, 702
Burn #1:	13:39 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____
Checkout By (Deployment) : EA+MG
SP4x4: LP4x4:

Cruise ID: CARBOTE
Site ID: 48

Equipment SN:

Data Logger: 000 13
Acoustic: 74
Frame: 23
Float: 000 51
Light Strobe: 2000-38
Radio: 2002-54
L28 / Trillium: 2007-020
Hyd / DPG: 49
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A881
Seascan: 447
A2D: 0108-038
CF: 5207-027
Power: 5107-007
Backplane: _____

Compact Flash Cards:

Card A#: 08038 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

Acoustic Voltage 14.9V
(sent 3 Burns on first recovery & did a whole cycle for deck test, total of 4 complete Burns)

Configuration:

Sync with GPS: 2012:177:09:25:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:177:11:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment:

Header Comment: Site 48 SN13
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012: ~~177~~ 09:39:48
Latitude: 44.667820
Longitude: -124.749237
Water Depth (m): 189

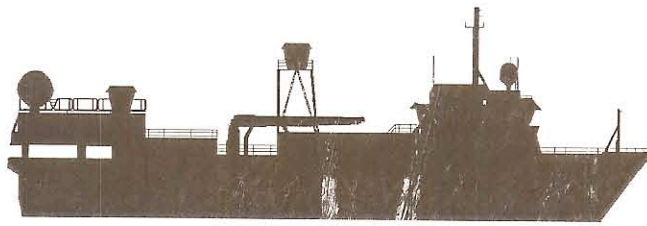
Acoustics Disabled:

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:21:00:58.972903
OBS TimeTag 2: 2012:121:21:01:58.972906
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 48.OB1

DRIFT =
-0.027076



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	191
Site #:	49
Acoustic #:	32
Water depth (meters)	135
Enable:	7/7
Bottom ranges:	307, 285
Burn #1:	12:09 local 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

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

Cruise ID: Carbette

Checkout By (Deployment) : EA

Site ID: 49

SP4x4: LP4x4:

Equipment SN:

Data Logger: 68
 Acoustic: 32
 Frame: 20
 Float: 12
 Light Strobe: 2008-108
 Radio: 2008-098
 L28 / Trillium: 6P147 2007-038
 Hyd / DPG: QD0007 43
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-038
 Seascan: 1159
 A2D: 108-60
 CF: A024
 Power: 5107011
 Backplane: _____

Compact Flash Cards:

Card A#: 2012-109 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

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

Additional Comments:

Acoustic 32 HD Measure in
 CABLE PUG THAT WAS CAUSING A
 Sewk GND. Cleared & Retested - OK

SWAP L28 + CABLE FROM
 SPARE - FORMER BAD CH2
 2007-038

Configuration:

Sync with GPS: 2012:177:10:09:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:11:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 49 SN 68

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

Deployment:

Time (GMT): 2012:177:11:03:47
 Latitude: 44.651207
 Longitude: -124.502327
 Water Depth (m): 135

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:19:27:58.9655731
 OBS TimeTag 2: 2012:191:19:28:58.9655721
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 49.03

CONNECT TAB:
 2012:191:19:28:59.9655720

DRIFT = -0.034428



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	191
Site #:	50
Acoustic #:	43
Water depth (meters)	98
Enable:	1/7 16:20
Bottom ranges:	7140(16:21) 6340(16:21) 554
Burn #1:	7/7 @ 16:21 7/7 07:39 7/7 09:47 7/7 07:44 7/7 09:52 7/7 09:36 10L 7/7 09:46
Burn #2:	09:54 7/7
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

Kicked out of 1 min

Inspection checked acoustic cables and connector, moisture in both
 burned 7 on Burn 1 Both wires were burned.
 burned 7 on Burn 2

2

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: Carbotte
 Checkout By (Deployment): EA Site ID: 50
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 39
 Acoustic: 43
 Frame: 77
 Float: 99
 Light Strobe: 2008-092
 Radio: 2008-114
 L28 / Trillium: 19
 Hyd / DPG: 51
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 108-070
 Seascan: —
 A2D: 108-071
 CF: 5207-97
 Power: 5107-1
 Backplane: —

Compact Flash Cards:

Card A#: 36 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.43

Additional Comments:

Configuration:

Sync with GPS: 2012:177:11:14:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:11:55:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 50 SN 39

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

Deployment:

Time (GMT): 2012:177:12:43:21
 Latitude: 44.351000
 Longitude: -124.508040
 Water Depth (m): 98

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:17:11:59.0108797
 OBS TimeTag 2: 2012:191:17:12:59.0108820
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 50.085

Correct TAG:
 2012:191:17:12:00.0108820



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	51
Acoustic #:	64
Water depth (meters)	113
Enable:	7/7
Bottom ranges:	346, 315
Burn #1:	19:47 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

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

Cruise ID: CARBOTTE

Checkout By (Deployment): EA

Site ID: 51

SP4x4: LP4x4:

Equipment SN:

Data Logger: 38
Acoustic: 64
Frame: 15
Float: MG00037
Light Strobe: 2067
Radio: 2002 - 0016
L28 / Trillium: GPO066
Hyd / DPG: 2001-23 / HYD12
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A004
Seascan: _____
A2D: 0108-036
CF: 5207067
Power: A015
Backplane: _____

Compact Flash Cards:

Card A#: 08026 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

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

Additional Comments:

LAST DEPLOYMENT THIS OBS
HAD A DEAD CH3 (HYD)
I SWAPPED OUT:
- HYD
- HYD CABLER
- A2D CARD

Configuration:

Sync with GPS: 2012:177:13:39:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:177:16:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 51 SN 38

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

Deployment:

Time (GMT): 2012:177:15:23:47
Latitude: 44.068562
Longitude: -124.725632
Water Depth (m): 113

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:192:03:01:58.9218366
OBS TimeTag 2: 2012:192:03:02:58.9218334
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 51.001

CORRECT TAG:
2012:192:03:02:59.9218334
DRIFT
-0.078167



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	52
Acoustic #:	73
Water depth (meters)	123
Enable:	7/7
Bottom ranges:	531, 489
Burn #1:	18:12 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CARBOTTE
 Checkout By (Deployment): EA Site ID: 52
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 20
 Acoustic: 73
 Frame: 71
 Float: 44
 Light Strobe: 208-117
 Radio: 2002-0031
 L28 / Trillium: 09-005
 Hyd / DPG: 25
 Batt Bottle: —

Data Logger Boards (SN):

CPU: A026
 Seascan: _____
 A2D: 108-5
 CF: 5207012
 Power: A022
 Backplane: —

Compact Flash Cards:

Card A#: 5 size: 16 GB ✓
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 1
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: 1
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

Configuration:

Sync with GPS: 2012:177:12:49:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:15:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 52 SW20
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:177:14:18:57
 Latitude: 44.060383
 Longitude: -124.445415
 Water Depth (m): 123

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:192:01:26:59.0432874
 OBS TimeTag 2: 2012:192:01:27:59.0432898
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 52.085

CONNECT TAG
 2012:192:01:27:00.04382
 DRIFT = 0.0432898



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	192
Site #:	53
Acoustic #:	59
Water depth (meters)	457
Enable:	7/7
Bottom ranges:	611, 611
Burn #1:	21:13 7/7
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

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

Cruise ID: CARBONATE

Checkout By (Deployment) : KA

Site ID: 53

SP4x4: LP4x4:

Equipment SN:

Data Logger: 74
 Acoustic: 59
 Frame: 08006
 Float: MC 00246
 Light Strobe: 0820017 2000-0011
 Radio: 2008-130
 L28 / Trillium: GP 0006
 Hyd / DPG: 1490008
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708 019
 Seascan: _____
 A2D: 108 015
 CF: 5207085
 Power: 5107059
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-694 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? no
 4x4 Software Version: 1.045

Additional Comments:

THIS logger DID NOT COLLECT DATA ON THE LEG 1 deployment. Logger checked out fine - new CF.

Configuration:

Sync with GPS: 2012:177:15:39:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:18:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment:

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

Deployment:

Time (GMT): 2012:177:16:20:33
 Latitude: 44.072052
 Longitude: -124.974182
 Water Depth (m): 457

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:192:04:35:58.9695766
 OBS TimeTag 2: 2012:192:04:36:58.9695750
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 53.005

Correct TAG 2012:192:04:36:59.9695750

DRIFT = -0.030425



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	191
Site #:	54
Acoustic #:	114
Water depth (meters)	139
Enable:	07:57 317
Bottom ranges:	1560, 1461, 1401
Burn #1:	08:07 717
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	
Estimated surface time:	

Notes:

diagnostic enabled, CMT disabled

4x4 Deployment Checklist

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

Cruise ID: CARBONITE

Checkout By (Deployment): EA

Site ID: 54

SP4x4: LP4x4:

Equipment SN:

Data Logger: 67
 Acoustic: 114
 Frame: 29
 Float: 92
 Light Strobe: 2030-27
 Radio: 2009-11
 L28 / Trillium: 2007-037
 Hyd / DPG: H40 036
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 108 100
 Seascan: _____
 A2D: 108 053
 CF: 5207 104
 Power: 5107 023
 Backplane: _____

Compact Flash Cards:

Card A#: 1 size: 16 GB ✓
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

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

Additional Comments:

*Logger 67 had a huge drift
 last deployment, so I
 swapped out CPU/clock
 with spare.*

Configuration:

Sync with GPS: 2012:177:16:40:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:19:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 54 SN 67

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

Deployment:

Time (GMT): 2012:177:18:39:59
 Latitude: 44.435780
 Longitude: -124.725665
 Water Depth (m): 139

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:15:16:59.0108786
 OBS TimeTag 2: 2012:191:15:17:59.0108787
 OBS Drift: _____
 OBS Time OK: TFOM: _____
 (From Terminal)
 Raw Filename: _____

*DRIFT
 0.0108787*



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	191
Site #:	55
Acoustic #:	82
Water depth (meters)	539
Enable:	06:33 717
Bottom ranges:	830, 798, 755
Burn #1:	06:35 717
Burn #2:	
Ranges after burn cycle:	
Estimated time off bottom:	06:40
Estimated surface time:	06:52

Notes:

4x4 Deployment Checklist

CARBOTTE
2

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: _____
Checkout By (Deployment): EA Site ID: 55
SP4x4: LP4x4:

Equipment SN:

Data Logger: 40
Acoustic: 82
Frame: 75
Float: M6000.54
Light Strobe: 2008-126
Radio: 2009-21
L28 / Trillium: 6P0047
Hyd / DPG: H7D20 27
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 8108098
Seascan: 0192007
A2D: A024
CF: 5287083
Power: 5107022
Backplane: _____

Compact Flash Cards:

Card A#: 2012-107 size: 16 GB ✓
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

ON LAST DEPLOYMENT LOGGER 40
HAD A DEAD CH0 & CH2.
I SWAPPED A2D, L28 & CABLE
WITH SPARES.
I HAD TO SLIGHTLY TIGHTEN THE
12 PIN INTERFACE TO GET
PIN CONTACT FOR
TIMETAG.

Configuration:

Sync with GPS: 2012:177:17:58:00
~~2012:177:17:47:00~~
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:177:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment:

Site 55 SN 40
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:177:19:41:13
Latitude: 44.496060
Longitude: -124.923832
Water Depth (m): 533

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:14:04:58.9863583
OBS TimeTag 2: 2012:191:14:05:58.9863576
OBS Drift: _____
OBS Time OK: TFOM: _____
(From Terminal)
Raw Filename: _____

12 PIN BULKHEAD
needs to be
replaced.

NO DATA ON
CARD 1

Last Modified: Fri Apr 13 2012
BAD CF CARD?



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC): 191
Site #: 56
Acoustic #: 69
Water depth (meters) 1269
Enable: 05:13 6/7
Bottom ranges: 1877, 1812, 1780
Burn #1: 05:15 7/7
Burn #2:
Ranges after burn cycle: 780, 772
Estimated time off bottom: 05:19
Estimated surface time:

Notes:

4x4 Deployment Checklist

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

Cruise ID: CARBOTTE

Checkout By (Deployment) : MRB

Site ID: 56

SP4x4: LP4x4:

Equipment SN:

Data Logger: 85
 Acoustic: 69
 Frame: 200-066
 Float: MG0045
 Light Strobe: NS0070
 Radio: NR0024
 L28 / Trillium: GP 0025
 Hyd / DPG: HDG 033
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: A013
 Seascan: 451
 A2D: A009 0108-023
 CF: 2012-104
 Power: A009
 Backplane: _____

Compact Flash Cards:

✓ Card A#: 2012-104 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.045

Additional Comments:

Hydrophone & cable changed
Acoustic voltage 16.4V

Configuration:

Sync with GPS: 2012:177:20:11:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:177:23:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 56 SA085
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:177:20:32:43
 Latitude: 44.540447
 Longitude: -125.067795
 Water Depth (m): 1269

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:12:58:58.1543485
 OBS TimeTag 2: 2012:191:12:59:59.1543281
 OBS Drift: _____
 OBS Time OK: TFOM: _____
 (From Terminal)

Raw Filename: _____

Corrected
2012:191:12:58:59.154343281
Drift
-0.8456715



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	61
Acoustic #:	39
Water depth (meters)	2832
Enable:	15/15
Bottom ranges:	2840, 2837
Burn #1:	16:16 ✓
Burn #2:	
Ranges after burn cycle:	2555, 2545
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: Carbette
 Checkout By (Deployment) : MALB Site ID: G1
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 71
 Acoustic: 39
 Frame: 2000-051
 Float: NA00053
 Light Strobe: NS0061
 Radio: NA0058
 L28 / Trillium: GP0028
 Hyd / DPG: HYD060
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: A015
 Seascan: 012-2007
 A2D: 0108100
 CF: 5207059
 Power: 5107102
 Backplane: _____

Compact Flash Cards:

Card A#: 2012-103 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? no
 4x4 Software Version: 1.045

Additional Comments:

Acoustic voltage 16.4 V

Configuration:

Sync with GPS: 2012:177:21:35:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:06:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site G1 SN 71
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:02:22:31
 Latitude: 44.878630
 Longitude: -126.201433
 Water Depth (m): 2832

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:191:00:32:58.9237864
 OBS TimeTag 2: 2012:191:00:33:58.9237872
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: _____

COLLECT TAG =
2012:191:00:33:59.9237872

DRIFT =
-0.076217



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	62
Acoustic #:	146
Water depth (meters)	2828
Enable:	15/15
Bottom ranges:	3646, 3592
Burn #1:	14:05 LOCAL
Burn #2:	
Ranges after burn cycle:	2457, 2445
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

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

Cruise ID: Garbette

Checkout By (Deployment) : MRB

Site ID: 62

SP4x4: LP4x4:

Equipment SN:

Data Logger: 94
 Acoustic: 146
 Frame: 0014
 Float: m6 00055
 Light Strobe: NS0066
 Radio: NR0066
 L28 / Trillium: 6P0049
 Hyd / DPG: HYD016
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108080
 Seascan: _____
 A2D: 0108032
 CF: A002
 Power: A023
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-519 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.045

Additional Comments:

Acoustic Voltage 16.6V ✓

Configuration:

Sync with GPS: 2012:177:23:02:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:08:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 62 SN 94
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:03:15:23
 Latitude: 44.930325
 Longitude: -126.379057
 Water Depth (m): 2828

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:22:17:59.0140239
 OBS TimeTag 2: 2012:190:22:18:59.0140248
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 62.081

Correct Tag
 2012:190:22:18:00.0140248



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	63
Acoustic #:	86
Water depth (meters)	2855
Enable:	11:50 5/7
Bottom ranges:	4950, 4554 4693, 4027
Burn #1:	12:02 7/7
Burn #2:	
Ranges after burn cycle:	2446, 2434
Estimated time off bottom:	12:10
Estimated surface time:	

Notes:

4x4 Deployment Checklist

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

Cruise ID: Carbottle

Checkout By (Deployment): MRG

Site ID: C03

SP4x4: LP4x4:

Equipment SN:

Data Logger: 73
 Acoustic: 86
 Frame: 2000-0017
 Float: MG0091
 Light Strobe: NS0077
 Radio: AA208-123
 L28 / Trillium: GP0060
 Hyd / DPG: HYD014
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108032
 Seascan: _____
 A2D: 0108078
 CF: 5207048
 Power: 5107044
 Backplane: _____

Compact Flash Cards:

Card A#: 08007 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.04.5

Additional Comments:

Acoustic Voltage 16.7V

Configuration:

Sync with GPS: 2012:178:02:49:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:08:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site C03 SN 73
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:04:07:23
 Latitude: 44.979618
 Longitude: -126.549643
 Water Depth (m): 2855

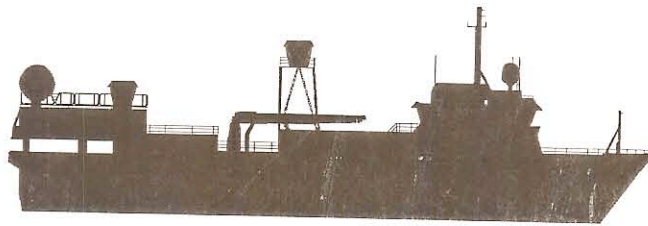
Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:20:17:59.0472061
 OBS TimeTag 2: 2012:190:20:18:59.0472105
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 63.031

CORRECTED TAG =
 2012:190:20:18:00.0472105

DRIFT = 0.0472105



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	64
Acoustic #:	34
Water depth (meters)	2872
Enable:	09:59 8617
Bottom ranges:	4359, 4293, 4162
Burn #1:	10:01 617
Burn #2:	
Ranges after burn cycle:	2508, 2496
Estimated time off bottom:	10:09
Estimated surface time:	

Notes:

4x4 Deployment Checklist

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

Cruise ID: Carbette

Checkout By (Deployment) : MRB

Site ID: 64

SP4x4: LP4x4:

Equipment SN:

Data Logger: 21
 Acoustic: 34
 Frame: 2000-041
 Float: MG0095
 Light Strobe: A150006
 Radio: NR0087
 L28 / Trillium: GP0073
 Hyd / DPG: HYD037
 Batt Bottle: _____

Data Logger Boards (SN):

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

Compact Flash Cards:

Card A#: 2008-544 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.045

Additional Comments:

Acoustic Voltage 16.5V ✓

Configuration:

Sync with GPS: 2012:178:03:37:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:08:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 64 sn 21
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:04:58:27
 Latitude: 45.028302
 Longitude: -126.720972
 Water Depth (m): 2872

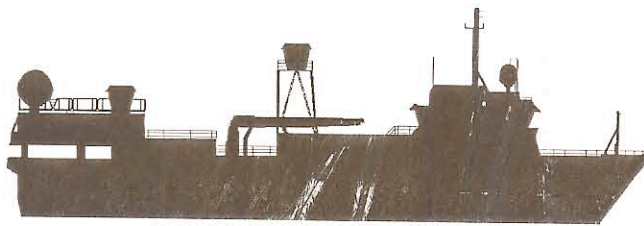
Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:18:20:58-9372282
 OBS TimeTag 2: 2012:190:18:21:58-9372252
 OBS Drift: _____
 OBS Time OK: TFOM: _____
 (From Terminal)
 Raw Filename: _____

Collect TAG
59.9372252

DRAFT =
-0.062775



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	65
Acoustic #:	767 67
Water depth (meters)	2867
Enable:	07:58 17
Bottom ranges:	4344, 4315, 4252
Burn #1:	08:00 8min Burn? 617
Burn #2:	
Ranges after burn cycle:	2775, 2759, 2745, 2732
Estimated time off bottom:	08:00
Estimated surface time:	

Notes: 8 minutes in Burn - Kicked out early

4x4 Deployment Checklist

2

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: Carbonate
Checkout By (Deployment): MRB Site ID: 65
SP4x4: LP4x4:

Equipment SN:

Data Logger: 65
Acoustic: 67 => 67
Frame: 2000-52
Float: MG 00003
Light Strobe: ~~NS 0027~~ NS 0043
Radio: ~~NR 2009-019~~ 0082
L28 / Trillium: GP 060048
Hyd / DPG: HYD 0026
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 0108107
Seascan: _____
A2D: 0108094
CF: 5207075
Power: 5107033
Backplane: _____

Compact Flash Cards:

Card A#: 2012-106 size: _____ GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.045

Additional Comments:

Acoustic Voltage 16.7V

Configuration:

Sync with GPS: 2012:178:04:28:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:178:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: site 65 SA 65

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

Deployment:

Time (GMT): 2012:178:05:50:27
Latitude: 45.078455
Longitude: -126.856560
Water Depth (m): 2867

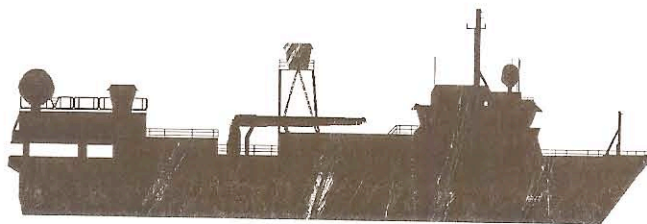
Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:16:16:59-0083029
OBS TimeTag 2: 2012:190:16:17:59-0083043
OBS Drift: _____
OBS Time OK: TFOM: _____
(From Terminal)
Raw Filename: _____

Correct TAG =
00.0083043

DRIFT = 0.0083043



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	66
Acoustic #:	72
Water depth (meters)	2890
Enable: 05:50	1/7
Bottom ranges:	3514, 3466, 3420
Burn #1:	8 min BURN? 05:52 6/7
Burn #2:	
Ranges after burn cycle:	2756, 2743, 2731
Estimated time off bottom:	05:58
Estimated surface time:	07:00

Notes:

kicked out after 8 minutes of burning...

4x4 Deployment Checklist

2

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: Carbotte
Checkout By (Deployment) : MR6 Site ID: 66
SP4x4: LP4x4:

Equipment SN:

Data Logger: 56
Acoustic: 72
Frame: 200-057
Float: M00039
Light Strobe: ~~NR0006~~ NS0022
Radio: NR0006
L28 / Trillium: 670013
Hyd / DPG: HYD044
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-030
Seascan: _____
A2D: 0108090
CF: 5207081
Power: 5107649
Backplane: _____

Compact Flash Cards:

✓ Card A#: 208-686 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? no
4x4 Software Version: 1.045

Additional Comments:

Acoustic Voltage 16.6V

Configuration:

Sync with GPS: 2012:178:05:19:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:178:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: site 66 SN 56
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:06:55:43
Latitude: 45.140468
Longitude: -127.114450
Water Depth (m): 2890

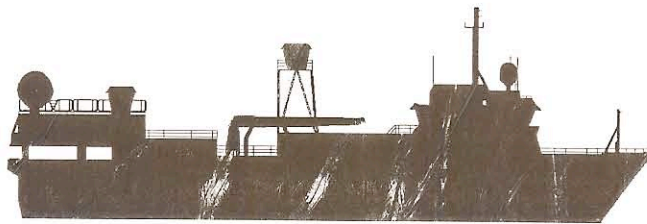
Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:14:09:59.0068899
OBS TimeTag 2: 2012:190:14:10:59.0068911
OBS Drift: _____
OBS Time OK: TFOM: _____
(From Terminal)

Raw Filename: _____

corrected:
2012:190:14:10:00.0068911
draft
0.0068911



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	190
Site #:	71
Acoustic #:	61
Water depth (meters)	2866
Enable:	7/7
Bottom ranges:	2896,
Burn #1:	17:36 LOCAL 7/7
Burn #2:	
Ranges after burn cycle:	2487, 2476
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

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

Cruise ID: CARIBOTE

Checkout By (Deployment): EA

Site ID: 71

SP4x4: LP4x4:

Equipment SN:

Data Logger: 17
 Acoustic: 61
 Frame: 2000-004
 Float: mb00240
 Light Strobe: NJ0036
 Radio: NR0088
 L28 / Trillium: GP0002
 Hyd / DPG: Hyd020
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: A017
 Seacan: 1-2007
 A2D: 108083
 CF: 5207054
 Power: A028
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-513 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? no
 4x4 Software Version: 1.1.45

Additional Comments:

Acoustic Voltage 16.7V
STAINLESS WIRE ANTENNA ON RADIO

Configuration:

Sync with GPS: 2012:178:11:00:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:14:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 71 SN17
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:11:50:31
 Latitude: 45.397222
 Longitude: -128.045765
 Water Depth (m): 2866

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:190:01:54:58.9150679
 OBS TimeTag 2: 2012:190:01:55:58.9150644
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 71.OBS

TAG COLLECTION
2012:190:01:55:59.9150644
DRIFT = -0.084936



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	189
Site #:	72
Acoustic #:	105
Water depth (meters)	2834
Enable:	✓ 3/7
Bottom ranges:	
Burn #1:	15:39 7/7
Burn #2:	
Ranges after burn cycle:	4171, 5972 2320, 2307
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

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

Cruise ID: CARBOTT

Checkout By (Deployment): EA

Site ID: 72

SP4x4: LP4x4:

Equipment SN:

Data Logger: 63
Acoustic: 105
Frame: 24
Float: MG-52
Light Strobe: 2009-17
Radio: NR27
L28 / Trillium: 2007-16
Hyd / DPG: 71
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A811
Seascan: 41-2007
A2D: 108109
CF: A886
Power: A826
Backplane: _____

Compact Flash Cards:

Card A#: 2012-111 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

16.7 V Acoustic

Configuration:

Sync with GPS: 2012:178:12:06:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:178:15:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 72 SWG3
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:12:40:51
Latitude: 45.445823
Longitude: -128.223803
Water Depth (m): 2834

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:23:51:58.9221710
OBS TimeTag 2: 2012:189:23:52:58.9221670
OBS Drift: _____
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 72.001

Correct TAG = 2012:189:23:52:59.9221670

DRIFT = -0.077803



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	189
Site #:	73
Acoustic #:	125
Water depth (meters)	2826
Enable:	7/7
Bottom ranges:	4422, 4358
Burn #1:	13:43 LOCAL 4/7
Burn #2:	
Ranges after burn cycle:	2306, 2278,
Estimated time off bottom:	
Estimated surface time:	

Notes:

POSSIBLE 5-min Burn?
?
O
NO, CAN RISE TO
ACoustic WHILE IN
Burn cycle.
DISABLE BURN ✓ 7/7

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CARBOTTE
 Checkout By (Deployment): EA Site ID: 73
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 47
 Acoustic: 128
 Frame: 63
 Float: 58
 Light Strobe: NS0079
 Radio: NR0074
 L28 / Trillium: 2007-18
 Hyd / DPG: 64
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: A023
 Seacan: G10-2007
 A2D: A012
 CF: 5207064
 Power: S107094
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-667 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

16.5V Acoustic

Configuration:

Sync with GPS: 2012:178:12:51:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:15:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: SITE 73 SN 47
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:13:30:43
 Latitude: 45.433693
 Longitude: -128.404075
 Water Depth (m): 2826

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:21:51:58.9462463
 OBS TimeTag 2: 2012:189:21:52:58.9462461
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 73.0BJ

*Collected TAG
 2012:189:21:52:59.9462461
 DRIFT =
 -0.053754*



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC): 189
Site #: 74
Acoustic #: 07
Water depth (meters) 2804
Enable: 717 11:37
Bottom ranges: 2995, 2980
Burn #1: 8min Burn? 11:38 717
Burn #2:
Ranges after burn cycle: 2389, 2378
Estimated time off bottom: 11:45
Estimated surface time:

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____
 Checkout By (Deployment): EA
 SP4x4: LP4x4:

Cruise ID: CARBONATE
 Site ID: 74

Equipment SN:

Data Logger: 50
 Acoustic: 7
 Frame: 08-05
 Float: 22
 Light Strobe: 2000-0003
 Radio: 2009-009
 L28 / Trillium: 0820
 Hyd / DPG: 2008-01
 Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708014
 Seascan: _____
 A2D: 108010
 CF: 5207031
 Power: 5107067
 Backplane: _____

Compact Flash Cards:

Card A#: 2008-669 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

16.3V Acoustic
 PPS @ Recovery

Configuration:

Sync with GPS: 2012:178:13:35:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:16:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment:

SITE 74 SN50
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:14:19:47
 Latitude: 45.540852
 Longitude: -128.581307
 Water Depth (m): 2804

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:19:58:59.0334169
 OBS TimeTag 2: 2012:189:19:58:59.0334206
 OBS Drift: _____
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 74.085

Corrected TAG:
 2012:189:19:58:00.0334206
 DRIFT =
 0.0334206



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	189
Site #:	75
Acoustic #:	109
Water depth (meters)	2797
Enable:	717 09:37
Bottom ranges:	3943, 5883
Burn #1:	09:45 09:40 717 317
Burn #2:	
Ranges after burn cycle:	2251, 2238, 2224, 2212
Estimated time off bottom:	
Estimated surface time:	0:45

Notes:

Issues with communication: sketchiness with reply ptnos.

~~WINDY~~
~~WINDY~~
WINDY

~~WINDY~~

~~WINDY~~

4x4 Deployment Checklist

2

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

Cruise ID: CARDOTTE

Checkout By (Deployment): EA

Site ID: 75

SP4x4: LP4x4:

Equipment SN:

Data Logger: 92
Acoustic: 109
Frame: 25
Float: MB-13
Light Strobe: NS 73
Radio: NR77
L28 / Trillium: GP 70
Hyd / DPG: HD 34
Batt Bottle: —

Data Logger Boards (SN):

CPU: A829
Seascan: 27-207
A2D: 10808
CF: 520745
Power: 510716
Backplane: —

Compact Flash Cards:

Card A#: 2002-615 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

16.5V Acoustic

Configuration:

Sync with GPS: 2012:178:14:45:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:

Wakeup Time: 2012:178:17:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: SITE 75 SN 92

Start Experiment: Clock Battery:

Time Tag OK: Dessicant:

Purge to 7" Hg: Seal Screw:

4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:15:11:03

Latitude: 45.588482

Longitude: -128.761385

Water Depth (m): 2737

Acoustics Disabled:

Ranging Survey:

Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:17:53:58.5482431

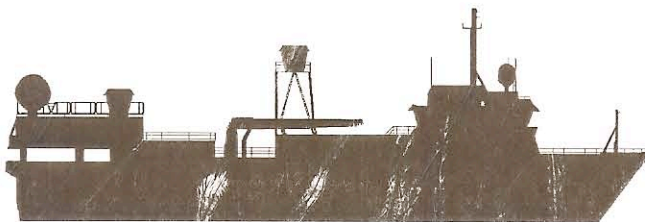
OBS TimeTag 2: 2012:189:17:54:58.5482246

OBS Drift: _____

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: 75.085

Corrected Time: 59.5482246
2012:189:17:54:58.5482246
DRIFT = -0.451776



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	184
Site #:	76
Acoustic #:	148
Water depth (meters)	2800
Enable: 07:40 0237 617	
Bottom ranges:	3018, 3541,
Burn #1: 07:42 717	
Burn #2:	
Ranges after burn cycle:	2394, 2377, 2365
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CARBOTTE
 Checkout By (Deployment) : EA Site ID: 76
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 93
 Acoustic: 148
 Frame: 42
 Float: 19
 Light Strobe: 2009-011
 Radio: NR 36
 L28 / Trillium: GP 4
 Hyd / DPG: A90 007
 Batt Bottle: —

Data Logger Boards (SN):

CPU: A019
 Seascan: 4-2007
 A2D: 108101
 CF: 520786
 Power: 51079
 Backplane: —

Compact Flash Cards:

Card A#: 2008-600 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

16.8V Acoustic

Configuration:

Sync with GPS: 2012:178:15:20:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:17:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 76 SN 93
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:16:03:45
 Latitude: 45.635347
 Longitude: -128.940660
 Water Depth (m): 2800

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:16:03:58.9618541
 OBS TimeTag 2: 2012:189:16:04:58.9618531
 OBS Drift: -1.0381469
 OBS Time OK: TFOM: 4
 (From Terminal)

Raw Filename: 76.008

Collect TAG
2012:189:16:04:59.9618531
Drift
-0.0381469



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):
Site #: 77
Acoustic #: 83
Water depth (meters) 2767
Enable: 25:48 217
Bottom ranges: 4161, 4097, 3963
Burn #1: 05:51 717
Burn #2:
Ranges after burn cycle: 2176, 2108, 2157
Estimated time off bottom:
Estimated surface time: 06:57

Notes:

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CARBOTTE
 Checkout By (Deployment): EA Site ID: 77
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 78
 Acoustic: 83
 Frame: 65
 Float: 3
 Light Strobe: NS67
 Radio: NR32
 L28 / Trillium: GP37
 Hyd / DPG: HYD 67
 Batt Bottle: —

Data Logger Boards (SN):

CPU: 108059
 Seascan: —
 A2D: 01
 CF: 520795
 Power: 510717
 Backplane: —

Compact Flash Cards:

Card A#: 2012-102 size: 16 GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: _____ / _____
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? NO
 4x4 Software Version: 1.0.45

Additional Comments:

16.8V Acoustic

Configuration:

Sync with GPS: 2012:178:16:16:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:178:19:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 67
 1 (Y-L28/Trill) Gain: 67
 2 (Z-L28/Trill) Gain: 67
 3 (Hyd/DPG) Gain: 16

Header Comment: Site 77 SN 78
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:178:16:58:27
 Latitude: 45.681962
 Longitude: -129.119658
 Water Depth (m): 2767

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:14:02:58.9908184
 OBS TimeTag 2: 2012:189:14:03:58.9908234
 OBS Drift: -1.009176
 OBS Time OK: TFOM: 4
 (From Terminal)

Raw Filename: 79_obs

Corrected:

2012:189:14:03:59.9908234
Drift

- .009176



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	184
Site #:	78
Acoustic #:	27
Water depth (meters)	2733
Enable:	5/7 03:51
Bottom ranges:	3411, 3493, 3444
Burn #1:	03:52 717
Burn #2:	
Ranges after burn cycle:	2358, 2346, 2333
Estimated time off bottom:	
Estimated surface time:	0:05

Notes:

4x4 Deployment Checklist

2

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

Cruise ID: CARBOTTE

Checkout By (Deployment) : EA

Site ID: 78

SP4x4: LP4x4:

Equipment SN:

Data Logger: 95
Acoustic: 27
Frame: 64
Float: MG17
Light Strobe: NS 78
Radio: NR 1
L28 / Trillium: GP18
Hyd / DPG: 140 50
Batt Bottle: _____

Data Logger Boards (SN):

CPU: A005
Seascan: _____
A2D: 10847
CF: 5207101
Power: 510785
Backplane: _____

Compact Flash Cards:

Card A#: 2008-512 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 1
Type: _____
Quantity: _____

Clock Battery Info

Voltage: 1
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

16.7V Acoustic

Configuration:

Sync with GPS: 2012:178:17:04:00

OBS Time OK: TFOM: 4
(From Terminal)

Time Tag OK:
Wakeup Time: 2012:178:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS

0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: Site 78 SN 98

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

Deployment:

Time (GMT): 2012:178:17:49:23
Latitude: 45.728377
Longitude: -129.299692
Water Depth (m): 2733

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

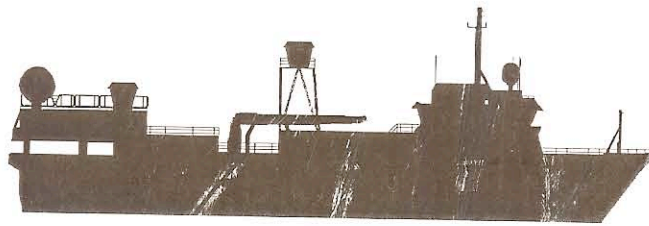
Recovery:

OBS TimeTag 1: 2012:189:12:09:58.9543157
OBS TimeTag 2: 2012:189:12:10:58.9543133
OBS Drift: -1.0456866

OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: 78.OBS

Corrected Time Tag
2012:189:12:10:59.9543133
Corrected Drift
-0.0456866



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	189
Site #:	79
Acoustic #:	96
Water depth (meters)	2540
Enable:	18/15 01:56
Bottom ranges:	3282, 3224
Burn #1:	12/15 01:57
Burn #2:	
Ranges after burn cycle:	2046, 2037
Estimated time off bottom:	02:07
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

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

Cruise ID: CARBOITE

Checkout By (Deployment): RA

Site ID: 79

SP4x4: LP4x4:

Equipment SN:

Data Logger: 57
Acoustic: ~~96~~ 96
Frame: 55
Float: 11
Light Strobe: NS 21
Radio: NR 30
L28 / Trillium: 2007-19
Hyd / DPG: HYD 18
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 10855
Seascan: _____
A2D: 10851
CF: 520788
Power: 6
Backplane: _____

Compact Flash Cards:

Card A#: 2008-645 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.0.45

Additional Comments:

Removed ACH 97 due to
water in cable cap +
heavy corrosion of
pins & sockets.

Configuration:

Sync with GPS: 2012:178:17:58:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:178:20:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: Site 79 SW 57

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

Deployment:

Time (GMT): 2012:178:18:40:45
Latitude: 45.774647
Longitude: -129.479948
Water Depth (m): 2540

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:189:10:07:58.8380407
OBS TimeTag 2: 2012:189:10:08:58.8380376
OBS Drift: -1.161968
OBS Time OK: TFOM: 4
(From Terminal)

Raw Filename: 79.035

corrected time tag
2012:189:10:08:59.8380376
corrected drift
-0.1619674



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	185
Site #:	84
Acoustic #:	60 S-mid BERT
Water depth (meters)	2820
Enable:	7/7 09:27 e
Bottom ranges:	6022, (3259), (3203)
Burn #1:	09:30 7/7 2796, 2751
Burn #2:	
Ranges after burn cycle:	2796, 2751
Estimated time off bottom:	
Estimated surface time:	09 10:36

Notes:

10:34 ST

4x4 Deployment Checklist

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CHARBOTT
 Checkout By (Deployment): MLG Site ID: 84
 SP4x4: LP4x4:

Equipment SN:

Data Logger: 2
 Acoustic: 60
 Frame: 6
 Float: m60093
 Light Strobe: N5 5
 Radio: 2000-0022
 L28 / Trillium: a3
 Hyd / DPG: 2000-006
 Batt Bottle: ---

Data Logger Boards (SN):

CPU: 0108-026
 Seascan: 819
 A2D: 0105-046
 CF: 5207-022
 Power: 5107-038
 Backplane: 5

Compact Flash Cards:

Card A#: 19 size: GB
 Card B#: _____ size: _____ GB
 Card C#: _____ size: _____ GB

Main Battery Info

Voltage: 1
 Type: _____
 Quantity: _____

Clock Battery Info

Voltage: 1
 Type: _____

4x4 Cards Fully Seated:
 Did Shipping Vacuum Change? No
 4x4 Software Version: 1.045

Additional Comments:

Acoustic Voltage 16.4V ✓

Configuration:

Sync with GPS: 2012:179:01:00:00
 OBS Time OK: TFOM: 4
 (From Terminal)
 Time Tag OK:
 Wakeup Time: 2012:179:07:00:00

Channel Configuration:

of Channels: 4
 Sampling Rate: 200 SPS
 0 (X-L28/Trill) Gain: 64
 1 (Y-L28/Trill) Gain: 64
 2 (Z-L28/Trill) Gain: 64
 3 (Hyd/DPG) Gain: 16

Header Comment: site 84 SN02
 Start Experiment: Clock Battery:
 Time Tag OK: Dessicant:
 Purge to 7" Hg: Seal Screw:
 4x4 Cards Taped:

Deployment:

Time (GMT): 2012:179:03:52:13
 Latitude: 45.393187
 Longitude: -128.874438
 Water Depth (m): 2820

Acoustics Disabled:
 Ranging Survey:
 Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:188:17:46:58.9876873
 OBS TimeTag 2: 2012:188:17:47:58.9876866
 OBS Drift: -1.012314
 OBS Time OK: TFOM: 4
 (From Terminal)
 Raw Filename: 84.OBS

Corrected Time Tag
 2012:188:17:47:59.9876866
 Drift = -0.012314
 Last Modified: Fri Apr 13 2012



Cruise: OC1206A - Carbotte Leg-2
Scripps OBS Recoveries

Date (UTC):	188
Site #:	85
Acoustic #:	71
Water depth (meters)	2832
Enable:	2/7
Bottom ranges:	6725, 6688, 6647 .
Burn #1:	7:06 local 7/7
Burn #2:	
Ranges after burn cycle:	2436, 2417
Estimated time off bottom:	
Estimated surface time:	

Notes:

4x4 Deployment Checklist

2

Lab Checkout Date: _____ Shipping Vacuum (In.Hg): _____ Cruise ID: CARBOTR
Checkout By (Deployment): MRB Site ID: 85
SP4x4: LP4x4:

Equipment SN:

Data Logger: 11
Acoustic: 71
Frame: B22
Float: M600030
Light Strobe: N50050
Radio: NR0054
L28 / Trillium: B30059
Hyd / DPG: H40015
Batt Bottle: _____

Data Logger Boards (SN):

CPU: 4708-033
Seascan: _____
A2D: 0108027
CF: 5207107
Power: 5107068
Backplane: _____

Compact Flash Cards:

1 Card A#: 2012-105 size: 16 GB
Card B#: _____ size: _____ GB
Card C#: _____ size: _____ GB

Main Battery Info

Voltage: _____ / _____
Type: _____
Quantity: _____

Clock Battery Info

Voltage: _____ / _____
Type: _____

4x4 Cards Fully Seated:
Did Shipping Vacuum Change? NO
4x4 Software Version: 1.045

Additional Comments:

Acoustic 10.6V

Configuration:

Sync with GPS: 2012:179:01:22:00
OBS Time OK: TFOM: 4
(From Terminal)
Time Tag OK:
Wakeup Time: 2012:179:08:00:00

Channel Configuration:

of Channels: 4
Sampling Rate: 200 SPS
0 (X-L28/Trill) Gain: 64
1 (Y-L28/Trill) Gain: 64
2 (Z-L28/Trill) Gain: 64
3 (Hyd/DPG) Gain: 16

Header Comment: site 85 sn11
Start Experiment: Clock Battery:
Time Tag OK: Dessicant:
Purge to 7" Hg: Seal Screw:
4x4 Cards Taped:

Deployment:

Time (GMT): 2012:179:05:17:03
Latitude: 45.197813
Longitude: -128.986975
Water Depth (m): 2832

Acoustics Disabled:
Ranging Survey:
Survey Filename: _____

Recovery:

OBS TimeTag 1: 2012:188:15:19:59.0332838
OBS TimeTag 2: 2012:188:15:20:59.0332873
OBS Drift: -0.966712
OBS Time OK: TFOM: 4
(From Terminal)
Raw Filename: 85.OBS

Corrected Time TAG
2012:188:15:20:00.0332873
DRIFT = 0.0332873