

DEPLOYMENT RECORD

Project Name: Aquaculture Start Date: Sep. 2007 End Date: Mid May 2008
 Mooring Name: KIW-05 Station Name: KIW

Geog. Desc.: Knight Inlet West Tide: +1.5 m Kelsey Bay
 Latitude: 50° 39.356 Longitude: 126° 09.810
 Water Depth: 180 m datum Ice Thickness:
 Magnetic decl: Time Zone: PDT Anchor Type: 3 wheels 2265 lbs
 Date: Sep 13, 2007 Time Anchor Dropped: 1022 PDT Date:
 Remarks:

RECOVERY RECORD

Date: Mar. 26, 2008 Time Anchor Released: 0753 PDT
 Remarks: Top Float + WB show signs of abrasion (hit?)

INSTRUMENTS (Start at TOP)

Type	Serial #	Depth	Time in PDT	Time Out	Notes
<u>WH300</u>	<u>2272</u>	<u>40m</u>	<u>1005</u>		
<u>Rcm4</u>	<u>2524</u>	<u>60m</u>	<u>1007</u>		
<u>Rcm4</u>	<u>824</u>	<u>95m</u>	<u>1009</u>		
<u>Rcm4</u>	<u>6924</u>	<u>130m</u>	<u>1011</u>		
<u>Rcm4</u>	<u>5592</u>	<u>165m</u>	<u>1014</u>		

Argos 3734 WB Rel Enable Disable

Release	Serial	R Code	Arm Code	Freq	On/Off	B0	B1	Aux Codes
<u>AR161</u>	<u>782</u>	<u>CA15</u>	<u>CA11</u>	<u>CA12</u>				
Pinger 1	Type	Serial	Pinger 2	Type	Serial	Battery Volt		
<u>Helle</u>	<u>1/4x27</u>	<u>9765</u>	<u>OML</u>	<u>1/4x27</u>	<u>507</u>	<u>16.5/18.9</u>		

FLOTATION

Type	Serial #	Size	Colour
<u>SS30</u>	<u>3012</u>	<u>30"</u>	<u>Yellow</u>
<u>4 Vinyl ADCP Frame</u>			<u>orange</u>
<u>SS30</u>	<u>550</u>	<u>30"</u>	<u>Yellow</u>
<u>SS28</u>	<u>2569</u>	<u>28"</u>	<u>"</u>
<u>SS28</u>	<u>2474</u>	<u>28"</u>	<u>"</u>
<u>SS28</u>	<u>210</u>	<u>28"</u>	<u>"</u>

Type	Serial #	Size	Colour

Data Entry by:

RDI 75/150/300/600kHz Long Ranger/Workhorse Deployment

Project: Aquaculture

Serial Number: 2272

Cruise: 2007-62

Platform: Tully

Station: KIW-05

Deployment Date: Sep 13, 2007 1022 PDT

Position: 50° 39.356' 126° 09.810

Depth on Sounder: 180m datum.

Recovery Date: _____

Parameters

Ensemble Interval	10 min.
Bin Size	.5 m
Number of Pings	85
Number of Bins	90
Observations	
Ambiguity Velocity	
Water Profiling Mode	
Time	
Start Time	
Power	

PlanADCP (Advanced) : [KIW05]

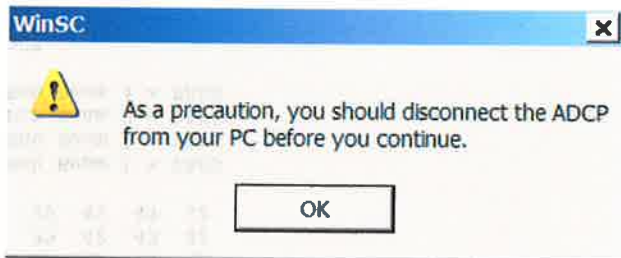
BackToSC Settings View Help

CAUTION: Not enough battery packs for the deployment.

Basic		Advanced		Expert	
Environmental Setup:			Profiling Setup:		
Transducer Depth:	2	m	Pings Per Ensemble:	85	
Salinity:	31	ppt	Number of Depth Cells:	90	
Magnetic Variation:	0	°	Depth Cell Size:	0.5	m
Temperature:	8	°C	Mode:	1	
Deployment Timing Setup:			Deployment Consequences		
Duration:	230	days	First Cell Range:	2.72	m
Ensemble Interval:	00:10:00.00		Last Cell Range:	47.22	m
Ping Int. (☒ Auto):	00:00:07.05		Max Range:	76.64	m
Min TP			Standard Deviation:	3.02	cm/s
☒ Ping Immediately After Deployment			Ensemble Size:	1954	bytes
			Storage Required:	61.72	MB
			Power Usage:	931.49	Wh
			Battery Pack Usage:	2.1	
Notes					
KIW05, 300kHz S/N 2272 NOTE: the Makas 300Khz (3566) had faulty connector thus the					
High Resolution Mode					
TULLY cruise 2007-62					
With External Pack LP					

Workhorse Sentinel: 300 kHz/ High Res./ 2 Battery Packs/ Memory: 56 MB

NUM



>>>>> Function starting 09/13/07 03:59:12 >>>>>

[BREAK Wakeup A]
 WorkHorse Broadband ADCP Version 16.21
 RD Instruments (c) 1996-2002
 All Rights Reserved.
 >TS070913035914
 >CZ

Powering Down

>>>>> Function starting 09/13/07 03:59:22 >>>>>

[BREAK Wakeup A]
 WorkHorse Broadband ADCP Version 16.21
 RD Instruments (c) 1996-2002
 All Rights Reserved.
 >AZ
 Pressure Offset Updated in NVRAM.
 >CZ

Powering Down

>>>>> Function starting 09/13/07 03:59:27 >>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.21
RD Instruments (c) 1996-2002
All Rights Reserved.
>RE ErAsE erasing...
Recorder erased.

>CZ

Powering Down

>>>>> Function starting 09/13/07 03:59:36 >>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.21
RD Instruments (c) 1996-2002
All Rights Reserved.
>DEPLOY?

Deployment Commands:

RE ----- Recorder ErAsE
RN ----- Set Deployment Name

WD = 111 100 000 ----- Data Out (Vel,Cor,Amp; PG,St,P0; P1,P2,P3)
WF = 0176 ----- Blank After Transmit (cm)
WN = 099 ----- Number of depth cells (1-128)
WP = 00155 ----- Pings per Ensemble (0-16384)
WS = 0050 ----- Depth Cell Size (cm)
WV = 175 ----- Mode 1 Ambiguity Vel (cm/s radial)

BP = 000 ----- Bottom Track Pings per Ensemble

TE = 00:10:00.00 ----- Time per Ensemble (hrs:min:sec.sec/100)
TF = **/**/**, **: **: ** --- Time of First Ping (yr/mon/day, hour:min:sec)
TP = 00:03.87 ----- Time per Ping (min:sec.sec/100)
TS = 07/09/13,03:59:38 --- Time Set (yr/mon/day, hour:min:sec)

EA = +00000 ----- Heading Alignment (1/100 deg)
EB = +00000 ----- Heading Bias (1/100 deg)
ED = 00000 ----- Transducer Depth (0 - 65535 dm)
ES = 30 ----- Salinity (0-40 pp thousand)
EX = 11111 ----- Coord Transform (Xform: Type,Tilts,3 Bm,Map)
Press any key to continue

EZ = 1111111 ----- Sensor Source (C,D,H,P,R,S,T)

CF = 11101 ----- Flow Ctrl (EnsCyc;PngCyc;Binry;Ser;Rec)
CK ----- Keep Parameters as USER Defaults
CR # ----- Retrieve Parameters (0 = USER, 1 = FACTORY)
CS ----- Start Deployment

>SYSTEM?

System Control, Data Recovery and Testing Commands:

AC ----- Output Active Fluxgate & Tilt Calibration data
AF ----- Field calibrate to remove hard/soft iron error
AR ----- Restore factory fluxgate calibration data
AX ----- Examine compass performance
AZ ----- Zero pressure reading

CB = 411 ----- Serial Port Control (Baud; Par; Stop)
CP # ----- Polled Mode (0 = NORMAL, 1 = POLLED)
CZ ----- Power Down Instrument

FC ----- Clear Fault Log
FD ----- Display Fault Log

OL ----- Display Features List

PA ----- Pre-Deployment Tests
PC1 ----- Beam Continuity

```
H/W Operation.....PASS
>PC2
```

Heading	Pitch	Roll	Up/Down	Attitude Temp	Ambient Temp	PRESSURE
208.81ø	-3.25ø	0.29ø	Up	22.21øC	21.73øC	1.2 kPa
208.06ø	-3.31ø	0.41ø	Up	22.22øC	21.71øC	1.6 kPa
208.72ø	-3.14ø	0.30ø	Up	22.21øC	21.73øC	3.4 kPa
205.69ø	0.32ø	0.25ø	Up	22.23øC	21.72øC	0.5 kPa
209.81ø	10.95ø	6.09ø	Up	22.26øC	21.72øC	3.1 kPa
190.16ø	11.94ø	16.91ø	Up	22.24øC	21.72øC	1.5 kPa
170.22ø	2.09ø	20.64ø	Up	22.25øC	21.69øC	0.9 kPa
173.96ø	-10.41ø	8.57ø	Up	22.22øC	21.71øC	1.6 kPa
181.68ø	-6.71ø	-5.62ø	Up	22.22øC	21.73øC	2.1 kPa
181.01ø	-0.08ø	-3.06ø	Up	22.21øC	21.71øC	0.2 kPa
179.56ø	0.32ø	0.25ø	Up	22.21øC	21.72øC	3.4 kPa
176.17ø	-0.47ø	1.26ø	Up	22.23øC	21.71øC	3.2 kPa
176.41ø	-0.56ø	1.26ø	Up	22.20øC	21.72øC	1.2 kPa
176.28ø	-0.86ø	1.30ø	Up	22.21øC	21.71øC	6.8 kPa

RS = 001,106 ----- REC SPACE USED (MB), FREE (MB)

BEAM CONTINUITY TEST

If a beam does not PASS the test, send any character to the ADCP to automatically select the next beam.

[illegible]

OL ----- Display Features List

PA ----- Pre-Deployment Tests
PC1 ----- Beam Continuity
PC2 ----- Sensor Data
PS0 ----- System Configuration
PS3 ----- Transformation Matrices

RR ----- Recorder Directory

Press any key to continue

RF ----- Recorder Space used/free (bytes)

RY ----- Upload Recorder Files to Host

>TS?

TS = 07/09/13,04:53:43 --- Time Set (yr/mon/day,hour:min:sec)

>PS0

Instrument S/N: 2272

Frequency: 307200 HZ

Configuration: 4 BEAM, JANUS

Match Layer: 10

Beam Angle: 20 DEGREES

Beam Pattern: CONVEX

Orientation: UP

Sensor(s): HEADING TILT 1 TILT 2 DEPTH TEMPERATURE PRESSURE

Pressure Sens Coefficients: (c3,c2,c1,offset) 0.00,0.00,0.14,16.20

Temp Sens Offset: -0.30 degrees C

CPU Firmware: 16.20 [0]

Boot Code Ver: Required: 1.13 Actual: 1.13

DEM0D #1 Ver: ad48, Type: 1f

DEM0D #2 Ver: ad48, Type: 1f

PWRTIMG Ver: 85d3, Type: 4

Board Serial Number Data:

00 00 00 03 01 90 98 09 CPU727-2000-00H

25 00 00 02 C9 02 58 09 DSP727-2001-04F

67 00 00 03 01 8B 39 09 REC727-1000-04A

EC 00 00 03 01 60 95 09 PIO727-3000-04C

>PA

PRE-DEPLOYMENT TESTS

CPU TESTS:

RTC.....PASS

RAM.....PASS

ROM.....PASS

RECORDER TESTS:

PC Card #0.....DETECTED

Card Detect.....PASS

Communication.....PASS

DOS Structure.....PASS

Sector Test (short).....PASS

PC Card #1.....DETECTED

Card Detect.....PASS

Communication.....PASS

DOS Structure.....PASS

Sector Test (short).....PASS

DSP TESTS:

Timing RAM.....PASS

Demod RAM.....PASS

Demod REG.....PASS

FIFOs.....PASS

SYSTEM TESTS:

XILINX Interrupts... IRQ3 IRQ3 IRQ3 ...PASS

Receive Loop-Back.....PASS

Wide Bandwidth.....PASS

Narrow Bandwidth.....PASS

RSSI Filter.....PASS

Transmit.....PASS

Rub Beam 4 = PASS

>CZ

Powering Down

>>>>> Function starting 09/13/07 04:53:29 >>>>>

[BREAK Wakeup A]

WorkHorse Broadband ADCP Version 16.20

RD Instruments (c) 1996-2001

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>TS070913045332

>CZ

Powering Down

>>>>> Function starting 09/13/07 04:53:36 >>>>>

[BREAK Wakeup A]

WorkHorse Broadband ADCP Version 16.20

RD Instruments (c) 1996-2001

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>DEPLOY?

Deployment Commands:

RE ----- Recorder ErAsE

RN ----- Set Deployment Name

WD = 111 100 000 ----- Data Out (Vel,Cor,Amp; PG,St,P0; P1,P2,P3)

WF = 0176 ----- Blank After Transmit (cm)

WN = 030 ----- Number of depth cells (1-128)

WP = 00045 ----- Pings per Ensemble (0-16384)

WS = 0400 ----- Depth Cell Size (cm)

WV = 175 ----- Mode 1 Ambiguity Vel (cm/s radial)

TE = 00:00:10.00 ----- Time per Ensemble (hrs:min:sec.sec/100)

TF = **/**/**, **: **: ** --- Time of First Ping (yr/mon/day, hour:min:sec)

TP = 00:00.58 ----- Time per Ping (min:sec.sec/100)

TS = 07/09/13,04:53:38 --- Time Set (yr/mon/day, hour:min:sec)

EA = +00000 ----- Heading Alignment (1/100 deg)

EB = +00000 ----- Heading Bias (1/100 deg)

ED = 00000 ----- Transducer Depth (0 - 65535 dm)

ES = 35 ----- Salinity (0-40 pp thousand)

EX = 11111 ----- Coord Transform (Xform: Type,Tilts,3 Bm,Map)

EZ = 1111111 ----- Sensor Source (C,D,H,P,R,S,T)

Press any key to continue

CF = 11111 ----- Flow Ctrl (EnsCyc;PngCyc;Binry;Ser;Rec)

CK ----- Keep Parameters as USER Defaults

CR # ----- Retrieve Parameters (0 = USER, 1 = FACTORY)

CS ----- Start Deployment

>SYSTEM?

System Control, Data Recovery and Testing Commands:

AC ----- Output Active Fluxgate & Tilt Calibration data

AF ----- Field calibrate to remove hard/soft iron error

AR ----- Restore factory fluxgate calibration data

AX ----- Examine compass performance

AZ ----- Zero pressure reading

CB = 411 ----- Serial Port Control (Baud; Par; Stop)

CP # ----- Polled Mode (0 = NORMAL, 1 = POLLED)

CZ ----- Power Down Instrument

FC ----- Clear Fault Log

FD ----- Display Fault Log

[illegible]

```
Rub Beam 1 = PASS
Rub Beam 2 = PASS
Rub Beam 3 = PASS
```


Match Layer: 10
Beam Angle: 20 DEGREES
Beam Pattern: CONVEX
Orientation: UP
Sensor(s): HEADING TILT 1 TILT 2 DEPTH TEMPERATURE PRESSURE
Pressure Sens Coefficients: (c3,c2,c1,offset) 0.00,0.00,0.14,16.20

Temp Sens Offset: -0.30 degrees C

CPU Firmware: 16.20 [0]
Boot Code Ver: Required: 1.13 Actual: 1.13
DEMOM #1 Ver: ad48, Type: 1f
DEMOM #2 Ver: ad48, Type: 1f
PWRTIME Ver: 85d3, Type: 6

Board Serial Number Data:

00 00 00 03 01 90 98 09 CPU727-2000-00H
25 00 00 02 C9 02 58 09 DSP727-2001-04F
67 00 00 03 01 8B 39 09 REC727-1000-04A
EC 00 00 03 01 60 95 09 PIO727-3000-04C

>PA

PRE-DEPLOYMENT TESTS

CPU TESTS:

RTC.....PASS
RAM.....PASS

ROM.....PASS

RECORDER TESTS:

PC Card #0.....DETECTED
Card Detect.....PASS
Communication.....PASS
DOS Structure.....PASS
Sector Test (short).....PASS
PC Card #1.....NOT DETECTED

DSP TESTS:

Timing RAM.....PASS
Demod RAM.....PASS
Demod REG.....PASS
FIFOs.....PASS

SYSTEM TESTS:

XILINX Interrupts... IRQ3 IRQ3 IRQ3 ...PASS
Receive Loop-Back.....PASS
Wide Bandwidth.....PASS
Narrow Bandwidth.....PASS
RSSI Filter.....PASS
Transmit.....PASS

SENSOR TESTS:

H/W Operation.....PASS

>PC2

Press any key to quit sensor display ...

Heading	Pitch	Roll	Up/Down	Attitude Temp	Ambient Temp	PRESSURE
154.07ø	0.98ø	0.74ø	Up	21.50øC	20.83øC	2.5 kPa
154.57ø	0.97ø	0.39ø	Up	21.73øC	20.91øC	1.0 kPa

>RS

RS = 001,015 ----- REC SPACE USED (MB), FREE (MB)

>PC1

BEAM CONTINUITY TEST

When prompted to do so, vigorously rub the selected beam's face.

If a beam does not PASS the test, send any character to the ADCP to automatically select the next beam.

```

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>DEPLOY?
Deployment Commands:
RE ----- Recorder ErAsE
RN ----- Set Deployment Name

WD = 111 100 000 ----- Data Out (Vel,Cor,Amp; PG,St,P0; P1,P2,P3)
WF = 0176 ----- Blank After Transmit (cm)
WN = 030 ----- Number of depth cells (1-128)
WP = 00045 ----- Pings per Ensemble (0-16384)
WS = 0400 ----- Depth Cell Size (cm)
WV = 175 ----- Mode 1 Ambiguity Vel (cm/s radial)

TE = 00:00:10.00 ----- Time per Ensemble (hrs:min:sec.sec/100)
TF = **/**/**, **: **: ** --- Time of First Ping (yr/mon/day, hour:min:sec)
TP = 00:00.58 ----- Time per Ping (min:sec.sec/100)
TS = 07/09/13,04:42:21 --- Time Set (yr/mon/day, hour:min:sec)

EA = +00000 ----- Heading Alignment (1/100 deg)
EB = +00000 ----- Heading Bias (1/100 deg)
ED = 00000 ----- Transducer Depth (0 - 65535 dm)
ES = 35 ----- Salinity (0-40 pp thousand)
EX = 11111 ----- Coord Transform (Xform: Type,Tilts,3 Bm,Map)
EZ = 111111 ----- Sensor Source (C,D,H,P,R,S,T)

Press any key to continue

CF = 11111 ----- Flow Ctrl (EnsCyc;PngCyc;Binry;Ser;Rec)
CK ----- Keep Parameters as USER Defaults
CR # ----- Retrieve Parameters (0 = USER, 1 = FACTORY)
CS ----- Start Deployment

>SYSTEM?
System Control, Data Recovery and Testing Commands:
AC ----- Output Active Fluxgate & Tilt Calibration data
AF ----- Field calibrate to remove hard/soft iron error
AR ----- Restore factory fluxgate calibration data
AX ----- Examine compass performance
AZ ----- Zero pressure reading

CB = 411 ----- Serial Port Control (Baud; Par; Stop)
CP # ----- Polled Mode (0 = NORMAL, 1 = POLLED)
CZ ----- Power Down Instrument

FC ----- Clear Fault Log
FD ----- Display Fault Log

OL ----- Display Features List

PA ----- Pre-Deployment Tests
PC1 ----- Beam Continuity
PC2 ----- Sensor Data
PS0 ----- System Configuration
PS3 ----- Transformation Matrices

RR ----- Recorder Directory
Press any key to continue

RF ----- Recorder Space used/free (bytes)
RY ----- Upload Recorder Files to Host

>TS?
TS = 07/09/13,04:42:30 --- Time Set (yr/mon/day, hour:min:sec)
>PS0
Instrument S/N: 2272
Frequency: 307200 HZ
Configuration: 4 BEAM, JANUS

```

```

PC2 ----- Sensor Data
PS0 ----- System Configuration
PS3 ----- Transformation Matrices

RR ----- Recorder Directory
Press any key to continue

RF ----- Recorder Space used/free (bytes)
RY ----- Upload Recorder Files to Host

>TS?
TS = 07/09/13,03:59:45 --- Time Set (yr/mon/day,hour:min:sec)
>PS0
Instrument S/N: 3566
Frequency: 307200 HZ
Configuration: 4 BEAM, JANUS
Match Layer: 10
Beam Angle: 20 DEGREES
Beam Pattern: CONVEX
Orientation: UP
Sensor(s): HEADING TILT 1 TILT 2 DEPTH TEMPERATURE PRESSURE
Pressure Sens Coefficients:
c3 = +1.043313E-13
c2 = +7.611596E-09
c1 = +5.725423E-02
Offset = +1.645480E+00

Temp Sens Offset: -0.35 degrees C

CPU Firmware: 16.21 [0]
Boot Code Ver: Required: 1.13 Actual: 1.13

DEMOD #1 Ver: ad48, Type: 1f
DEMOD #2 Ver: ad48, Type: 1f
PWRTIMG Ver: 85d3, Type: 4

Board Serial Number Data:
EC 00 00 02 FB 76 39 09 DSP727-2001-04G
DC 00 00 02 FB 9A 15 09 REC727-1000-04A
37 00 00 02 FB 9F 6D 09 PIO727-3000-04C
DA 00 00 02 FB A7 17 09 CPU727-2000-00H
>PA

PRE-DEPLOYMENT TESTS

CPU TESTS:
RTC.....PASS
RAM.....PASS
ROM.....PASS
RECORDER TESTS:
PC Card #0.....DETECTED
Card Detect.....PASS
Communication.....PASS
DOS Structure.....PASS
Sector Test (short).....PASS
PC Card #1.....DETECTED
Card Detect.....
>>>>> Function starting 09/13/07 04:01:10 >>>>>

>>>>> Function starting 09/13/07 04:42:12 >>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>TS070913044213
>CZ

Powering Down

>>>>> Function starting 09/13/07 04:42:20 >>>>>

```

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: Rcm 4 SERIAL #: 2524 PST, UTC, OTHER: _____
 TAPE SIZE: 3 1/4" PROJECT: Aquaculture I(mA) _____

Channel #	Reading1	Reading 2	Last Cal
1. Reference	<u>892</u>		
2. Temperature	<u>974</u>		
3. Conductivity	<u>256</u>		
4. Extemp/pressure	<u>52</u>		
5. Direction	<u>986</u>		
6. Speed	<u>11</u>		
Date: <u>Sept 12/07</u> Time: <u>0600 UTC</u>			

OK P

Rotor Counter Information:

Rev/Count: 4
 F.S. = 0.09 - 95 Cm/S
 Rotor Switch: 4
 Rotor Type: 5

Sampling Interval: 30 MIN Depth: 60m TAPE ID: 2524/11
 Pressure Sensore Range: 200 PSI Serial #: 52783-1
 Depth Max: 138 MAX Compass Serial #: 3570
 Conductivity Range: _____ MMHO Cell Serial #: 4402 *CF note 4462*
 HI Res Temperature Range: _____ *? says*

but if it
 4402 in
 PIMS I'll
 change it to
 4402.
 LP

Channel #	Reading1	Reading 2
1. Reference	<u>892</u>	
2. Temperature	<u>904</u>	
3. Conductivity	<u>0</u>	
4. Extemp/pressure	<u>52</u>	
5. Direction	<u>7</u>	
6. Speed	<u>1</u>	
Date: <u>March 29/08</u> Time: <u>2035 UTC</u>		

TIME IN WATER: 1007 PDI DATE: sep 13 2007
 BAT VOLTAGE: 9.71 ON DEPLOYMENT
 CRUISE ID: 2007-62 DEPLOYED
 TECHNICIAN: LP

TIME OUT WATER: 1513 UTC DATE: March 26/08
 BAT VOLTAGE: 8.05 ON RECOVERY
 CRUISE ID: 2008-07 RECOVERED
 TECHNICIAN: LP

NOTES:

3x Lithium
prepared by Love

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 8211 PST, UTC, OTHER: (C)
 TAPE SIZE: 3 1/4" PROJECT: Aquaculture I(mA) _____

Channel #	Reading1	Reading 2	Last Cal
1. Reference	<u>713</u>		
2. Temperature	<u>966</u>		
3. Conductivity	<u>252</u>		
4. Extemp/pressure	<u>64</u>		
5. Direction	<u>835</u>		
6. Speed	<u>6</u>		
Date: <u>Sept 12/07</u> Time: <u>2000 UTC</u>			

OK P

Rotor Counter Information:

Rev/Count: 4
 F.S. = 04-95 Cm/S
 Rotor Switch: 4
 Rotor Type: PW

asymme
 4 LF

not filled
 assume 30 min.
 LF

Sampling Interval: <u>30</u> MIN	Depth: <u>95 m</u>	TAPE ID: <u>8211/26</u>
Pressure Sensor Range: <u>800</u> PSI	Serial #: <u>50851-18</u>	
Depth Max: <u>368</u> MAX	Compass Serial #: <u>13382</u>	
Conductivity Range: <u>24-44</u> MMHO	Cell Serial #: <u>2884</u>	
HI Res Temperature Range: _____		

Channel #	Reading1	Reading 2
1. Reference	<u>713</u>	
2. Temperature	<u>914</u>	
3. Conductivity	<u>253</u>	
4. Extemp/pressure	<u>64</u>	
5. Direction	<u>15</u>	
6. Speed	<u>7</u>	
Date: <u>March 29/08</u> Time: <u>2033 UTC</u>		

TIME IN WATER: 1009 PDT DATE: Sep. 13, 2007
 BAT VOLTAGE: 9.70 ON DEPLOYMENT
 CRUISE ID: 2007-6h DEPLOYED
 TECHNICIAN: LP

TIME OUT WATER: 1517 UTC DATE: March 26/08
 BAT VOLTAGE: 8.81 ON RECOVERY
 CRUISE ID: 2008-07 RECOVERED
 TECHNICIAN: LP

NOTES:

3x Lithium

prepared by Love!

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 6924 PST, UTC, OTHER: UTC
 TAPE SIZE: 3 1/4 PROJECT: Aquaculture I(mA)

Channel #	Reading1	Reading 2	Last Cal
1. Reference	<u>594</u>		
2. Temperature	<u>962</u>		
3. Conductivity	<u>257</u>		
4. Extemp/pressure	<u>1023</u>		
5. Direction	<u>770</u>		
6. Speed	<u>3</u>		
Date: <u>Sept 12/07</u> Time: <u>2000 UTC</u>			

Rotor Counter Information:

Rev/Count: 4
 F.S.= 0.9-96 Cm/S
 Rotor Switch: 4
 Rotor Type: S

Sampling Interval: 30 MIN Depth: 130 m TAPE ID: 6924/18
 Pressure Sensor Range: PSI Serial #:
 Depth Max: 2000 MAX Compass Serial #: 11053
 Conductivity Range: 24-44 MMHO Cell Serial #: 6756
 HI Res Temperature Range: 4-12

Channel #	Reading1	Reading 2
1. Reference	<u>594</u>	
2. Temperature	<u>894</u>	
3. Conductivity	<u>0</u>	
4. Extemp/pressure	<u>1023</u>	
5. Direction	<u>489</u>	
6. Speed	<u>1</u>	
Date: <u>March 29/08</u> Time: <u>2001 UTC</u>		

TIME IN WATER: 1011 PDI DATE: SEP 13, 2007
 BAT VOLTAGE: 9.81 ON DEPLOYMENT
 CRUISE ID: 2007-62 DEPLOYED
 TECHNICIAN: LP

TIME OUT WATER: 1527 UTC DATE: MARCH 26/08
 BAT VOLTAGE: 8.75 ON RECOVERY
 CRUISE ID: 2008-07 RECOVERED
 TECHNICIAN: LP

NOTES: 3x Lithium
powered by Low !

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: Rcm4 SERIAL #: 5392 PST, UTC, OTHER: (UTC)
 TAPE SIZE: 3 1/4 PROJECT: Aquaculture I(mA)

Channel #	Reading1	Reading 2	Last Cal
1. Reference	<u>735</u>		
2. Temperature	<u>1023</u>		
3. Conductivity	<u>854</u>		
4. Extemp/pressure	<u>1023</u>		
5. Direction	<u>723</u>		
6. Speed	<u>9</u>		
Date: <u>Sept 12/07</u> Time: <u>2000 UTC</u>			

Rotor Counter Information:

Rev/Count: 4
 F.S. = 0.09-95 Cm/S
 Rotor Switch: 4
 Rotor Type: S

Sampling Interval: 30 MIN Depth: 165 m TAPE ID: 5392/4
 Pressure Sensore Range: 2000 PSI Serial #:
 Depth Max: 2000 MAX Compass Serial #: 8213
 Conductivity Range: 24-44 MMHO Cell Serial #: 5410
 HI Res Temperature Range: 4-12 LP 5410 IN RIMS

Channel #	Reading1	Reading 2
1. Reference	<u>735</u>	
2. Temperature	<u>894</u>	
3. Conductivity	<u>0</u>	
4. Extemp/pressure	<u>1023</u>	
5. Direction	<u>3</u>	
6. Speed	<u>9</u>	
Date: <u>2008 March 29</u> Time: <u>2005 UTC</u>		

TIME IN WATER: 1014 PDT DATE: Sept 13, 2007
 BAT VOLTAGE: 9.78 ON DEPLOYMENT
 CRUISE ID: 2007-62 DEPLOYED
 TECHNICIAN: LP

TIME OUT WATER: 1508 UTC DATE: March 26/08
 BAT VOLTAGE: 8.80V ON RECOVERY
 CRUISE ID: 2008-07 RECOVERED
 TECHNICIAN: LP

NOTES: 3x Lithium
prepared by Loue