

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 201 DEP 01

Date 3 MAY 05 Data Logger No. 36
Cruise ID TOLSTOY 3 Acoustics Unit No. 36
Instrument name CLARK B Acoustics Deck Test OK [checked]
Checkout by: CBH Frame No. 36
Battery Bottle: Float No. 54
Sensor Ball No: 07 Strobe No. 34
DPG No: Radio No. 70
Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT

Deployment date 4 MAY 05
Deployment time 00:59
Latitude 9 N 48.9766
Longitude 104 W 17.2689
Water depth 2505 m
Acoustics disabled [checked]
9.8162767
-104.287815

DATA LOGGER CHECKOUT

Software Version 9.08a.o.c.D

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.45 V. 251 mV (<300)
+Anal. (>+ 7.0 V.) 7.66 V. 76 mV (<80)
-Anal. (>-7.0 V.) -7.64 V. -67 mV (<70)

Exercise the disk:

Peak 62 mV (<500)
Run 14.82 V (>13.0 V.) 40 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[checked] RAM OK VBAT: 81 mV (<80)
+Anal: 76 mV (<80)
-Anal: -67 mV (<70)

DISCONNECT CURRENT TEST BOX!

RECOVERY Date: 25 APR 00

Acoustics: Enable [] Response [] Release []

Release time: MUTE

Inst. status:

Time OK [] TFOM Julian Day

Time tag: (YY:JDAY:HH:MM:SS.SSS)

Drift (ms):

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[checked] Synchronize time base Julian Day 123
Synch at 5/3/05 21:35:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters: Description TOLSTOY 3, ATLANTIS CLARK B, SITE 201

Sample rate 125 No. channels: 3 SN 36

End of Expt. time

Compression: N (Y / N)

[checked] Initialize disk

[checked] ADC test 4 MAY 0400L

Wakeup time: 5/4/05 10:00:00

[checked] Time tag OK DISCONNECT TIME RESET!

[checked] Begin Time counting and OK [checked]

[checked] Purge

Shift D at:

Closing block number:

Battery voltages:

VBAT:

+Anal: -Anal:

Raw Filename:

LOST

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 202 DEP 01

Date 3 MAY 05 Data Logger No. 12
Cruise ID TOLSTOY 3 Acoustics Unit No. 12
Instrument name ATLANTIS Acoustics Deck Test OK [X]
Checkout by: CB/H Frame No. 12
Battery Bottle: Strobe No. 43
Sensor Ball No: 09 Radio No. 61
DPG No: Radio Check OK [X] (160.725 Mhz)

DEPLOYMENT
Deployment date 4 MAY 05
Deployment time 01:30
Latitude 9°N 49.5606
Longitude 104°W 17.0617
Water depth 2520m
Acoustics disabled [X]
9.82601
104.2843617

DATA LOGGER CHECKOUT

Software Version 9.08a - 020

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.45 V. 311 mV (<300)
+Anal. (>+ 7.0 V.) 7.60 V. 80 mV (<80)
-Anal. (>-7.0 V.) -7.65 V. -68 mV (<70)

Exercise the disk:

Peak 60 mV (<500)
Run 14.83 V (>13.0 V.) 40 mV (<180)
Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[X] Ram OK VBAT: 72 mV (<80)
+Anal: 80 mV (<80)
-Anal: -69 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

TOOK 6 TRIES!!
[X] ADC test with test box connected
[X] Synchronize time base Julian Day 123
Synch at 5/3/05 22:05:00 (MM/DD/YY HH:MM:SS)
Time OK [X] Time Tag OK [X] UT TFOM 4

Parameters: Tolstoy 3, ATLANTIS, ATLANTIS
Description Tolstoy 3, ATLANTIS, ATLANTIS
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y / N)

[X] Initialize disk
[X] ADC test 4 MAY 0400L
Wakeup time: 5/4/05 10:00:00
[X] Time tag OK DISCONNECT TIME RESET!
[X] Begin Time counting and OK [X]
[X] Purge

RECOVERY Date: 25 APR 06

Acoustics: Enable [] Response [] Release []
Release time:
50 118 MUTB

Inst. status:

Time OK [] TFOM Julian Day

Time tag: (YY:JDAY:HH:MM:SS.SSS)

Drift (ms):

Shift D at:

Closing block number:

Battery voltages:

VBAT:

+Anal: -Anal:

Raw Filename:

Rev MAR05

LOST

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 203 DEP 01

Date 3 MAY 05 Data Logger No. 70
 Cruise ID TOLSTOY 3 Acoustics Unit No. 70
 Instrument name SUMMIT Acoustics Deck Test OK
 Checkout by: CBH Frame No. 70
 Battery Bottle: _____ Float No. 55
 Sensor Ball No: 08 Strobe No. 10
 DPG No: _____ Radio No. 44
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 4 MAY 05
 Deployment time 1:59
 Latitude 9°N 49.4400
 Longitude 104°W 17.6425
 Water depth 2515 m
 Acoustics disabled
9.824
-104.2940417

DATA LOGGER CHECKOUT

Software Version 9.08a.0.0

VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.) <u>15.46</u> V.	<u>240</u> mV (<300)
+Anal. (>+ 7.0 V.) <u>7.66</u> V.	<u>81</u> mV (<80)
-Anal. (>-7.0 V.) <u>-7.65</u> V.	<u>-70</u> mV (<70)

Exercise the disk:

Peak 63 mV (<500)
 Run 14.80 V (>13.0 V.), 41 mV (<180)
 Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK VBAT: 73 mV (<80)
 +Anal: 81 mV (<80)
 -Anal: -70 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

3 TRIES!
 ADC test with test box connected
 Synchronize time base Julian Day 123
 Synch at 5/3/05 22:33:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description TOLSTOY3, ATLANTIS SUMMIT,
SITE 203, SN 70
 Sample rate 125 No. channels: 3
 End of Expt. time _____
 Compression: N (Y / N)

Initialize disk
 ADC test
 Wakeup time: 5/4/05 10:00:00
4 MAY 0400L
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY Date: 25 APR 06

Acoustics: Enable Response Release
MUTB
 Release time: _____
 Inst. status: _____
 Time OK TFOM _____ Julian Day _____
 Time tag: _____
(YY:JDAY:HH:MM:SS.SSS)
 Drift (ms): _____

Shift D at: _____
 Closing block number: _____
 Battery voltages:
 VBAT: _____
 +Anal: _____ -Anal: _____
 Raw Filename: _____

LOST

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 204 DEP 01

Date 2 MAY 05 Data Logger No. 44
Cruise ID TOLSTOY 3 Acoustics Unit No. 44
Instrument name LAGUNA Acoustics Deck Test OK
Checkout by: CBH Frame No. 44
Battery Bottle: _____ Float No. NO#
Sensor Ball No: 012 Strobe No. 18
DPG No: _____ Radio No. 63
Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 3 MAY 05
Deployment time 09:40
Latitude 9°N 49.8547
Longitude 104°W 18.3143
Water depth 2579 m
Acoustics disabled
9.8309117
-104.3052383

DATA LOGGER CHECKOUT

Software Version 9.08a_0c0

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.41 V. 285 mV (<300)
+Anal. (>+ 7.0 V.) 7.66 V. 78 mV (<80)
-Anal. (>-7.0 V.) -7.65 V. -69 mV (<70)

Exercise the disk:

Peak 60 mV (<500)
Run 14.72 V (>13.0 V.) 41 mV (<180)
Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK VBAT: 109 mV (<80)
+Anal: 78 mV (<80)
-Anal: -70 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 122
Synch at 5/2/05 21:41:00
(MM/DD/YY HH:MM:SS)
Time OK Time Tag OK UT TFOM 4

Parameters: TOLSTOY3, ATLANTIS, LAGUNA,
Description SITE 204, SN44
Sample rate 125 No. channels: 3
End of Expt. time _____
Compression: N (Y / N)

Initialize disk
 ADC test
Wakeup time: 5/3/05 10:00:00
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY

Date: 25 APR 06

Shift D at: 115:15:18:55

Acoustics: Enable Response Release
SD 115 13:31 2660 m 13:32
Release time: OFF BOT 13:39 SHARACO 14:31
DISABCS 14:44
Inst. status: TIME COUNTING BLK INCREMENTING

Closing block number: 69724539

Time OK TFOM 4 Julian Day 115
Time tag: 115:15:16:55.530435
(YY:DDAY:HH:MM:SS.SSS)
0 15:16:59
Drift (ms): -1469.566 msec

Battery voltages:
VBAT: 14.59
+Anal: 5.63 -Anal: -7.30

Raw Filename: _____

9" VAC GPS DRIFT => -1469.566 msec

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 205 DEP 01

Date 2 MAY 05 Data Logger No. 46
Cruise ID TOLSTOY 3 Acoustics Unit No. 46
Instrument name WHATCOM Acoustics Deck Test OK [x]
Checkout by: CBH Frame No. 46
Battery Bottle: Strobe No. 47
Sensor Ball No: 011 Radio No. 14
DPG No: Radio Check OK [x] (160.725 Mhz)

DEPLOYMENT
Deployment date 3 MAY 05
Deployment time 05:05
Latitude 9° N 49.9891
Longitude 104° W 17.7405
Water depth 2516 m
Acoustics disabled [x]
9.8331517
-104.2956875

DATA LOGGER CHECKOUT

Software Version 9.08a OLD

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.46 V. 266 mV (<300)
+Anal. (>+ 7.0 V.) 7.66 V. 76 mV (<80)
-Anal. (>-7.0 V.) -7.65 V. -66 mV (<70)

Exercise the disk:

Peak 63 mV (<500)
Run 14.83 V (>13.0 V.) 40 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[x] RAM OK VBAT: 74 mV (<80)
+Anal: 7.6 mV (<80)
-Anal: -66 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[x] ADC test with test box connected TOOK 5 TRIES TO GET ADC TEST OK
[x] Synchronize time base Julian Day 122
Synch at 5/2/05 22:11:00 (MM/DD/YY HH:MM:SS)
Time OK [x] Time Tag OK [x] UT TFOM 4

Parameters:
Description TOLSTOY3, ATLANTIS, WHATCOM, SITE 205, SN 46
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y / N)

[x] Initialize disk
[x] ADC test 3 MAY 0400L
Wakeup time: 5/3/05 10:00:00
[x] Time tag OK DISCONNECT TIME RESET!
[x] Begin Time counting and OK [x]
[x] Purge

RECOVERY

Date: 25 APR 06
Acoustics: Enable [x] Response [x] Release [x]
30115 12:55 2533 m 12:56
Release time: OFF BOT 13:03 SURFACE 17:20
Inst. status: TIME COUNTING

Shift D at: 115.14:55:43
Closing block number: -752208139
OUTPUT FORMAT DIDN'T LOOK RIGHT

Time OK [x] TFOM 4 Julian Day 115
Time tag: 115:14:52:29.056529
@ 14:52:30 (YY:DD:MM:SS.SSS)
Drift (ms): -943.472 msec

Battery voltages:
VBAT: 14.78
+Anal: 5.63 -Anal: -7.28
Raw Filename: 5728

"VAC GPS DRIFT => -943.472 msec

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 206 DEP 01

Date 2 MAY 05 Data Logger No. 31
Cruise ID VOLSTOY 3 Acoustics Unit No. 31
Instrument name CORNERSTONE Acoustics Deck Test OK [checked]
Checkout by: [signature] Frame No. 31
Float No. 73
Battery Bottle: Strobe No. 55
Sensor Ball No: 010 Radio No. 38
DPG No: Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT 3 MAY 05
Deployment date 3 MAY 05 05:00
Deployment time 04:40 9°N
Latitude 9°N 49.8547 50.11 104°W
Longitude 104°W 18.3143 17.15
Water depth 2511 m
Acoustics disabled [checked]
9.83518
-104.28597

DATA LOGGER CHECKOUT

Software Version 9.08a OLD

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.43 V. 275 mV (<300)
+Anal. (>+ 7.0 V.) 7.65 V. 81 mV (<80)
-Anal. (>-7.0 V.) -7.64 V. -72 mV (<70)

Exercise the disk:

Peak 62 mV (<500)
Run 14.78 V (>13.0 V.) 41 mV (<180)
Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[checked] RAM OK VBAT: 69 mV (<80)
+Anal: 81 mV (<80)
-Anal: -72 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[unchecked] Synchronize time base Julian Day 122
Synch at 5/2/05 22:38:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters:
Description VOLSTOY3, ATLANTIS, CORNERSTONE, SITE 206, SN 31
Sample rate 125 No. channels: 3
End of Expt. time -
Compression: N (Y/N)

[checked] Initialize disk
[checked] ADC test 3 MAY 0400L
Wakeup time: 5/3/05 10:00:00
[checked] Time tag OK DISCONNECT TIME RESET!
[checked] Begin Time counting and OK [checked]
[checked] Purge

RECOVERY

Date: 25 APR 06

Acoustics: Enable [checked] Response [checked] Release [checked]
Release time: 11:38 25 APR 06 11:39

Inst. status: STUCK

Time OK [unchecked] TFOM Julian Day

Time tag: (YY.JDAY.HH:MM:SS.SSS)

Drift (ms):

RBC 2 @ 11:56 NO RANGE CHANGE

Shift D at:

Closing block number:

Battery voltages:

VBAT:

+Anal: -Anal:

Raw Filename:

Rev MAR05

STUCK

LAIA Recovered

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 207 DEP 01

Date 2 MAY 05 Data Logger No. 20
 Cruise ID VOLSTOY 3 Acoustics Unit No. 20
 Instrument name ST-HUBERT Acoustics Deck Test OK
 Checkout by: CPA Frame No. 20
 Battery Bottle: _____ Float No. 41
 Sensor Ball No: 06 Strobe No. 43 03
 DPG No: _____ Radio No. 41
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 3 MAY 05
 Deployment time 05:52
 Latitude PN 50.2430
 Longitude 104°W 16.6103
 Water depth 2541m
 Acoustics disabled
9.83743833
104.2768383

DATA LOGGER CHECKOUT

Software Version 9.082 OLD

VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.) <u>15.41</u> V.	<u>268</u> mV (<300)
+Anal. (>+ 7.0 V.) <u>7.65</u> V.	<u>79</u> mV (<80)
-Anal. (>-7.0 V.) <u>-7.64</u> V.	<u>-69</u> mV (<70)

Exercise the disk:

Peak 62 mV (<500)
 Run 14.72 V (>13.0 V.) 41 mV (<180)
 Off 1 mV (2)
 Current Tests Acquiring Data (Use **W** and **B** Commands)
 RAM OK VBAT: 70 mV (<80)
 +Anal: 79 mV (<80)
 -Anal: -69 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 122
 Synch at 5/2/05 23:05:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description VOLSTOY3, ATLANTIS, ST-HUBERT, SITE 207, SN 20
 Sample rate 125 No. channels: 3
 End of Expt. time _____
 Compression: N (Y / N)

Initialize disk
 ADC test 3 MAY 0400L
 Wakeup time: 5/3/05 10:00:00
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY Date: 25 APR 06
 Acoustics: Enable Response Release
80 115 11:08 2578m 11:09
 Release time: OFF BOT 11:16 SURFACE 12:28
 Inst. status: TIME COUNTING BLK # NOT INCREASING
 Time OK TFOM 4 Julian Day 115
 Time tag: 115:12:49:15.873175
 @ (YY:JDAY:HH:MM:SS.SSS) 49:17
 Drift (ms): -1126.824 msec

Shift D at: 115:12:53
 Closing block number: no data
 (NOT TRUE)
 Battery voltages: PURROD UP, DID "B" EXERCISE. DISK OK, THEN DID "L" AND WE HAVE MASSIVE LISTING!!
 VBAT: 14.45
 +Anal: 7.33 -Anal: -7.32 PROBABLY SCRAWLED SOMETHING W/ 'B' COMMAND
 Raw Filename: _____

15 APR 06
1:34

10" VAC

GPS DRIFT GIVES -1.126824 SEC

RAD DISK ? 5-16

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 208 DEP 01

Date 30 APR 2005 Data Logger No. 26
 Cruise ID TOLSTOY 3 Acoustics Unit No. 26
 Instrument name BEACON Acoustics Deck Test OK
 Checkout by: CRN Frame No. 26
 Float No. 71
 Strobe No. 64
 Radio No. 66
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 1 MAY 05 1 MAY 0
 (21:02:45) 02:45
 Deployment time 21:02:45
 Latitude 9° 51.1279 9°N
 Longitude 104° 17.7059 104°W
 Water depth 2461 m 17.25
2468 m
 Acoustics disabled
9.844925
104.287635

DATA LOGGER CHECKOUT

Software Version 9.48a-0c0

VOLTAGES

VBAT (>14.5 V.) 15.39 V.
 +Anal. (>+ 7.0 V.) 7.65 V.
 -Anal. (>-7.0 V.) -7.65 V.

CURRENT TESTS

330 mV (<300)
78 mV (<80)
-67 mV (<70)

Exercise the disk:

Peak 63 mV (<500)
 Run 14.74 V (>13.0 V.), 43 mV (<180)
 Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK VBAT: 146 mV (<80)
 +Anal: 79 mV (<80)
 -Anal: -67 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 120
 Synch at 4/30/05 21:05:00
 (MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description TOLSTOY 3, ATLANTIS, BEACON,
SME 208, SN 26
 Sample rate 125 No. channels: 3
 End of Expt. time _____
 Compression: N (Y / N)

Initialize disk
 ADC test 1 MAY 0900L
 Wakeup time: 5/1/05 10:00:00
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY Date: 29 APR 06

Acoustics: Enable Response Release
MUTB
 Release time: _____
 Inst. status: _____
 Time OK TFOM _____ Julian Day _____
 Time tag _____
 (YY:JDAY:HH:MM:SS.SSS)

Shift D at: _____
 Closing block number: _____
 Battery voltages: **LOST**
 VBAT: _____
 +Anal: _____ -Anal: _____

rev 03/03

NO ACOUSTIC RESPONSE
 SAT ON TOP, MOVED EAST 500 m, MOVED WEST TOWARD #212
 NOTHING AT ALL SEND RBL 1 @ 23:45
 RBL 1 @ 02:33

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 209 DEP 01

Date 30 APR 2005 Data Logger No. 19
Cruise ID FOLSTOY 3 Acoustics Unit No. 19
Instrument name LONGVIEW Acoustics Deck Test OK [X]
Checkout by: CBH Frame No. 19
L20A3 #03 Float No. 18
Strobe No. 78
Radio No. 73
Radio Check OK [X] (160.725 Mhz)

DEPLOYMENT

Deployment date 1 MAY 05
Deployment time 121:02:13:00
Latitude 9 N 51.1279
Longitude 104 W 17.7059
Water depth 2461 m
Acoustics disabled [X]
9.8521316
104.29509833

DATA LOGGER CHECKOUT

Software Version 9.08a - OLD

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.40 V. 264 mV (<300)
+Anal. (>+ 7.0 V.) 7.64 V. 78 mV (<80)
-Anal. (>-7.0 V.) -7.63 V. -67 mV (<70)

Exercise the disk:

Peak 03 mV (<500)
Run 14.70 V (>13.0 V.) 42 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM TEST OK
VBAT: 70 mV (<80)
+Anal: 78 mV (<80)
-Anal: -67 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[X] ADC test with test box connected
[] Synchronize time base Julian Day 120
Synch at 4/30/05 20:30:00 (MM/DD/YY HH:MM:SS)
Time OK [X] Time Tag OK [X] UT TFOM 4

Parameters:
Description FOLSTOY3, ATLANTIS, LONGVIEW,
SITE 209, SU 19
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y/N)

[X] Initialize disk 1 MAY 0900 L
[X] ADC test
Wakeup time: 5/1/05 10:00:00
[X] Time tag OK DISCONNECT TIME RESET!
[X] Begin Time counting and OK [X]
[X] Purge

RECOVERY

Date: 24 APR 06

Shift D at: 114:21:45

Acoustics: Enable [X] Response [X] Release [X]
114 19:51 2554m 19:52
Release time: OFF BOX 20:02
DISABLE 20:43 ON SURFACE 21:15
Inst. status: TIME COUNTING

Closing block number: 69972048
BATTERY 20:02
BATTERY VOLTAGES:
VBAT: 14.72
+Anal: 5.03 -Anal: -7.25
TRIED TO TRANSFER DATA
STRANGE NOISE FIRST TIME
(MAY HAVE BEEN IN SHIP)
TRANSFER CRASHED @ .04%
FAILED TWO MORE
TIMES AT SAME
POINT
GAVE UP.

Time OK [X] TFOM 4 Julian Day 114
Time tag 114:21:42:19.76700 (YY:JDAY:HH:MM:SS.SSS)

9.5" VAC

A OBS
21:42:21

GPS DRIFT => -1233.001 m/sec

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 210 DEP 01

Date 3 MAY 05 Data Logger No. 45
Cruise ID TOLSTOY 3 Acoustics Unit No. 45
Instrument name RAMBY Acoustics Deck Test OK [checked]
Checkout by: CBH Frame No. 45
Battery Bottle: Strobe No. 53
Sensor Ball No: 05 Radio No. 69
DPG No: Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT
Deployment date 4 MAY 05
Deployment time 02:23
Latitude 9°N 49.7374
Longitude 104°W 17.3791
Water depth 2500m
Acoustics disabled [checked]
9.8289567
-104.2896517

DATA LOGGER CHECKOUT

Software Version 9.08a - ocd

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.46 V. 245 mV (<300)
+Anal. (>+ 7.0 V.) 7.65 V. 79 mV (<80)
-Anal. (>-7.0 V.) -7.65 V. -69 mV (<70)

Exercise the disk:

Peak 63 mV (<500)
Run 14.79 V (>13.0 V.) 40 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[checked] Ram OK VBAT: 72 mV (<80)
+Anal: 79 mV (<80)
-Anal: -69 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[checked] Synchronize time base Julian Day 123
Synch at 5/3/05 22:58:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters: Description TOLSTOY 3, ATLANTIS, RAMBY, SITE 210

Sample rate 125 SN 45 No. channels: 3
End of Expt. time
Compression: N (Y / N)

[checked] Initialize disk
[checked] ADC test
Wakeup time: 5/4/05 4 MAY 0400L 10:00:00
[checked] Time tag OK DISCONNECT TIME RESET!
[checked] Begin Time counting and OK [checked]
[checked] Purge

RECOVERY

Date: 25 APR 06

Acoustics: Enable [checked] Response [checked] Release [checked]
Release time: NO RELEASE

Inst. status: STUCK

Time OK [] TFOM Julian Day

Time tag: (YY.JDAY:HH:MM:SS.SSS)

Drift (ms):

DISABLE 15:39

Shift D at :

Closing block number:

Battery voltages:

VBAT:

+Anal: -Anal:

Raw Filename:

Rev MAR05

STUCK

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 211 DEP 01

Date 30 APR 2005 Data Logger No. 35
Cruise ID TOLSTOY 3 Acoustics Unit No. 35
Instrument name SPARTA Acoustics Deck Test OK
Checkout by: QBH Frame No. 35
Float No. 28
Strobe No. 72
Radio No. 69
Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 1 MAY 05
Deployment time 12:03:36:00
Latitude 9°N 50.3003
Longitude 104°W 17.4042
Water depth 2453 m
Acoustics disabled 9.8383383
-104.29007

DATA LOGGER CHECKOUT

Software Version 9.08a - ocd

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.42 V. 275 mV (<300)
+Anal. (>+ 7.0 V.) 7.65 V. 75 mV (<80)
-Anal. (>-7.0 V.) -7.65 V. -66 mV (<70)

Exercise the disk:

Peak 64 mV (<500)
Run 14.71 V (>13.0 V.) 41 mV (<180)
Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK VBAT: 91 mV (<80)
+Anal: 75 mV (<80)
-Anal: -66 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
Synchronize time base Julian Day 120
Synch at 4/30/05 21:58:00
Time OK Time Tag OK UT TFOM 4

Parameters: Description TOLSTOY3, ATLANTIS, SPARTA, SITE 211, SN35
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y/N)

Initialize disk
ADC test 1 MAY 0400L
Wakeup time: 5/1/05 10:00:00
Time tag OK DISCONNECT TIME RESET!
Begin Time counting and OK
Purge

RECOVERY

Date: 25 APR 06

Acoustics: Enable Response Release

Release time: MVTB

Inst. status:

Time OK TFOM Julian Day

Time tag (YY:JDAY:HH:MM:SS.SSS)

Shift D at :

Closing block number:

Battery voltages:

VBAT:

+Anal: -Anal:

rev 03/03

LOST

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 212 DEP #1

Date 30 APR 2005 Data Logger No. 38
Cruise ID TOLSTOY 3 Acoustics Unit No. 38
Instrument name ROCK BRIDGE Acoustics Deck Test OK [checked]
Checkout by: [signature] Frame No. 38
Float No. 11
Strobe No. 48
Radio No. 50
Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT

Deployment date 1 MAY 05
Deployment time 121:03:15:00
Latitude 9°N 50.5163
Longitude 104°W 17.8410
Water depth 2462 m
Acoustics disabled [checked]
9.8419383
-104.29735

DATA LOGGER CHECKOUT

Software Version 9.08a - OLD

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.46 V. 221 mV (<300)
+Anal. (>+ 7.0 V.) 7.66 V. 76 mV (<80)
-Anal. (>-7.0 V.) -7.64 V. -67 mV (<70)

Exercise the disk:

Peak 64 mV (<500)
Run 14.79 V (>13.0 V.) 44 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[checked] RAM OK VBAT: 86 mV (<80)
+Anal: 76 mV (<80)
-Anal: -67 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[checked] Synchronize time base Julian Day 120
Synch at 4/30/05 21:31:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters:

Description TOLSTOY 3, ATLANTIS, ROCK BRIDGE,
SITE 212, SN38
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y/N)

[checked] Initialize disk

[checked] ADC test

Wakeup time: 5/1/05 10:00:00 MAY 0400L

[checked] Time tag OK DISCONNECT TIME RESET!

[checked] Begin Time counting and OK [checked]

[checked] Purge

RECOVERY

Date: 24 APR 06

Acoustics: Enable [checked] Response [checked] Release [checked]
114 22:16 2540 m 22:17
Release time: ~~00:00~~ ~~00:00~~

Inst. status: STUCK

Time OK [] TFOM Julian Day

Time tag (YY:JDAY:HH:MM:SS.SSS)

Shift D at:

Closing block number:

Battery voltages:
VBAT:
+Anal: -Anal:
LANA Recovered rev 03/03

RBL 2 @ 22:33
RBL 1 @ 22:51 CONSTANT RANGE
RBL 1 @ 23:08 " "
RBL 1 @ 23:24 " "

STUCK

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 213 DEP 01

Date 1 MAY 05 Data Logger No. 37
 Cruise ID TOLSTOY 3 Acoustics Unit No. 37
 Instrument name PENNS-VALLEY Acoustics Deck Test OK
 Checkout by: CBR Frame No. 37
 Battery Bottle: _____ Float No. 17
 Sensor Ball No: _____ Strobe No. 49
 DPG No: _____ Radio No. 78
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 2 MAY 05
 Deployment time 04:20
 Latitude 9°N 50.5187
 Longitude 104°W 17.5586
 Water depth 2515
 Acoustics disabled
9.8419783
104.2926433

DATA LOGGER CHECKOUT

Software Version 8.075

VOLTAGES

VBAT (>14.5 V.) 15.74 V. 260 mV (<300)
 +Anal. (>+ 7.0 V.) 7.86 V. 73 mV (<80)
 -Anal. (>-7.0 V.) -7.84 V. -63 mV (<70)

CURRENT TESTS

Exercise the disk:

Peak 360 mV (<500)
 Run 15.11 V (>13.0 V.) 138 mV (<180)
 Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK VBAT: 69 mV (<80)
 +Anal: 73 mV (<80)
 -Anal: -63 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 121
 Synch at 5/1/05 22:39:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description TOLSTOY3, ATLANTIS, PENNS-VALLEY,
SIB 213, SN37
 Sample rate 125 No. channels: 2
 End of Expt. time _____
 Compression: N (Y / N)

Initialize disk
 ADC test 2 MAY 0400L
 Wakeup time: 5/2/05 10:00:00
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY

Date: _____
 Acoustics: Enable Response Release
 Release time: _____
 Inst. status: _____
 Time OK TFOM _____ Julian Day _____
 Time tag: _____
(YY:JDAY:HH:MM:SS.SSS)
 Drift (ms): _____

Shift D at: _____
 Closing block number: _____
 Battery voltages:
 VBAT: _____
 +Anal: _____ -Anal: _____
 Raw Filename: _____

Rev MAR05

- NO DEPLOY -

?

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 214 DEP 61

Date 1 MAY 05 Data Logger No. 25
Cruise ID TOLSTOY 3 Acoustics Unit No. 25
Instrument name TRICITY Acoustics Deck Test OK [X]
Checkout by: CBH Frame No. 25
Float No. 01
Strobe No. 67
Radio No. 13
Radio Check OK [X] (160.725 Mhz)

DEPLOYMENT

Deployment date 2 MAY 05
Deployment time 00:10:00
Latitude 9°N 50.4786
Longitude 104°W 17.4560
Water depth 2513 m
Acoustics disabled []
9.84131
104.2909333

DATA LOGGER CHECKOUT

Software Version 8.075

VOLTAGES

CURRENT TESTS

VBAT (>14.5 V.) 15.72 V. 246 mV (<300)
+Anal. (>+ 7.0 V.) 7.89 V. 71 mV (<80)
-Anal. (>-7.0 V.) -7.88 V. -61 mV (<70)

Exercise the disk:

Peak 390 mV (<500)
Run 15.08 V (>13.0 V.) 149 mV (<180)
Off 2 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

[X] Ram OK VBAT: 69 mV (<80)
+Anal: 71 mV (<80)
-Anal: -61 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[X] ADC test with test box connected
[X] Synchronize time base Julian Day 121
Synch at 5/1/05 22:16:00 (MM/DD/YY HH:MM:SS)
Time OK [X] Time Tag OK [X] UT TFOM 4

Parameters: Description TOLSTOY 3, ATLANTIS, TRICITY, SITE 214, SN 25
Sample rate 125 No. channels: 2
End of Expt. time
Compression: N (Y / N)

[X] Initialize disk
[X] ADC test 2 MAY 0900 L
Wakeup time: 5/2/05 10:00:00
[X] Time tag OK DISCONNECT TIME RESET!
[X] Begin Time counting and OK [X]
[X] Purge

RECOVERY Date: 10 MAY 05

Acoustics: Enable [X] Response [X] Release [X]
Release time: 10:19 L
Inst. status: TIME COUNTING
Time OK [X] TFOM 4 Julian Day 130
Time tag 130:23:36:37.8698316 (YY:JDAY:HH:MM:SS.SSS)

Shift D at:
Closing block number: 1104017
Battery voltages: couldn't shift D never stopped counting time
VBAT: 15.10
+Anal: 7.57 -Anal: -7.58 rev 03/03

GPS DRIFT

130:23:36:59.9147389
DRIFT -85.261 msec

why this difference?

DN

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 215 DEP phi

Date 1 MAY 05 Data Logger No. 72
 Cruise ID TOLSTOY 3 Acoustics Unit No. 72
 Instrument name PERKIOMEN Acoustics Deck Test OK
 Checkout by: CBH Frame No. 72
 Battery Bottle: _____ Float No. 65
 Sensor Ball No: _____ Strobe No. 13
 DPG No: _____ Radio No. 74
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 2 MAY 05
 Deployment time 04:41
 Latitude 9°N 50.6990
 Longitude 104°W 17.4786
 Water depth 2518 m
 Acoustics disabled
9.8449833
104.29131

DATA LOGGER CHECKOUT

Software Version 8.075

VOLTAGES

VBAT (>14.5 V.) 15.69 V. 228 mV (<300)
 +Anal. (>+ 7.0 V.) 7.89 V. +70 mV (<80)
 -Anal. (>-7.0 V.) -7.88 V. -61 mV (<70)

CURRENT TESTS

Exercise the disk:

Peak 370 mV (<500)
 Run 15.06 V (>13.0 V.) 132 mV (<180)
 Off 1 mV (2)

Current Tests Acquiring Data (Use **W** and **B** Commands)

RAM OK VBAT: 67 mV (<80)
 +Anal: 70 mV (<80)
 -Anal: -61 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 121
 Synch at 5/1/05 23:06:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description TOLSTOY 3, ATLANTIS, PERKIOMEN,
SMB 215, SN 72
 Sample rate 125 No. channels: 2
 End of Expt. time _____
 Compression: N (Y / N)

Initialize disk
 ADC test 2 MAY 0400L
 Wakeup time: 5/2/05 10:00:00
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY Date: 11 MAY 05
 Acoustics: Enable Response Release
 Release time: 16:37L
 Inst. status: 51MB COUNTING
 Time OK TFOM 4 Julian Day 131
 Time tag: 131:00:21:51.9821755
(YY.JDAY.HH.MM.SS.SSS)
GPS DRIFT
 Drift (ms): -17.824 m sec

Shift D at: 131:00:23:01
 Closing block number: 1119073
 Battery voltages:
 VBAT: 15.20
 +Anal: 7.59 -Anal: -7.58
 Raw Filename: _____