

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 301 DEP 1

Date 24 APR 2006 Data Logger No. 49
 Cruise ID JOLSTOY L Acoustics Unit No. 49
 Instrument name SN49 Acoustics Deck Test OK
 Checkout by: OBH Frame No. 49
 Battery Bottle: X Float No. 62
 Sensor Ball No: X Strobe No. 75
 DPG No: X Radio No. 15
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
 Deployment time 114:12:59:00
 Latitude 9°N 48.9448
 Longitude 104°W 17.2038
 Water depth 25
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.08A-OLD
SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.) <u>15.32</u> V.	<u>302</u> mV (<300)
+Anal. (> 7.0 V.) <u>7.60</u> V.	<u>79</u> mV (<80)
-Anal. (>7.0 V.) <u>-7.82</u> V.	<u>-70</u> mV (<70)

Exercise the disk:

Peak 51 mV (<500)
 Run 14.88 V (>13.0 V.), 36 mV (<180)
 Off 1 mV (2)

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

VBAT: 72 mV (<80)
 +Anal: 79 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 114
 Synch at 4/24/06 12:37:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:

Description JOLSTOY L - SN49
 Sample rate 125 No. channels: 3
 End of Expt. time NA
 Compression: N (Y / N)

ADC test

Wakeup time: 4/24/06 13:30:00
 Initialize disk
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY Date: 13 JAN 2007

Acoustics: Enable Response Release
18:03L 2650M 18:04L

Release time: 18:04L OFF BOT 18:12L

Inst. status: SURFACE 19501L time counting

Time OK TFOM 4 Julian Day 014

Time tag: 07: 014: 02:07:39.905540

Drift (ms): +905.540 msec obs after GPS

Shift D at : 014:02:11:35

Closing block number: 51625733

Battery voltages:

VBAT: 14.80

+Anal: 7.38 -Anal: -7.54

Raw Filename: SN49_Site301_RAW

Rev Feb06

At 085 02:08:06 => GPS 02:08:06.905540

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 302 DEP 1

Date 24 APR 06 Data Logger No. 47
Cruise ID Volstrooy 4 Acoustics Unit No. 47
Instrument name SN47 Acoustics Deck Test OK [checked]
Checkout by: CRA Frame No. 47
Battery Bottle: [X] Float No. 01
Sensor Ball No: [X] Strobe No. 37
DPG No: [X] Radio No. 56
Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
Deployment time 15:02:00
Latitude 9°N 49.5194
Longitude 104°W 16.9900
Water depth 2528
Acoustics disabled [checked]

DATA LOGGER CHECKOUT

Software Version 9.08A-0CD

SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.26 V. 315 mV (<300)
+Anal. (>+ 7.0 V.) 7.60 V. 74 mV (<80)
-Anal. (>-7.0 V.) -7.82 V. -65 mV (<70)

Exercise the disk:

Peak 48 mV (<500)
Run 14.57 V (>13.0 V.) 35 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 82 mV (<80)
+Anal: 74 mV (<80)
-Anal: -65 mV (<70)

Ram OK [checked]

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[] Synchronize time base Julian Day 114
Synch at 4/24/06 14:43:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters:

Description Volstrooy 4 - SN47
Sample rate 125 No. channels: 3
End of Expt. time NA
Compression: N (Y / N)

[checked] ADC test

Wakeup time: 4/24/06 16:00:00

[checked] Initialize disk

[checked] Time tag OK DISCONNECT TIME RESET!

[checked] Begin Time counting and OK [checked]

[] Purge

RECOVERY Date: 31 JAN 2007

Acoustics: Enable [checked] Response [checked] Release [checked]

Release time: 17:21 OFF EOT surface 18:10L

Inst. status: time counting

Time OK [checked] TFOM 4 Julian Day 032

Time tag: GPS 01:25:42 01:25:40.963349

Drift (ms): OBS ahead GPS -1.036651 sec

Shift D at: can't because time keeps incrementing

Closing block number: OPERATOR ERROR!!

Battery voltages:

VBAT: 14.89

+Anal: 7.38 -Anal: -7.53

Raw Filename:

Rev Feb06

in terminal: OBS continued incrementing time so GPSDRIFT gave variable #'s

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 303 DEP 1

Date 24 APR 06 Data Logger No. 13
 Cruise ID TOCST044 Acoustics Unit No. _____
 Instrument name SN 13 Acoustics Deck Test OK
 Checkout by: [Signature] Frame No. _____
 Battery Bottle: _____ Float No. _____
 Sensor Ball No: _____ Strobe No. _____
 DPG No: _____ Radio No. _____
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date _____
 Deployment time _____
 Latitude _____
 Longitude _____
 Water depth _____
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9,08A-010
SET PARAMETERS TO 3 CHANNEL, 125Hz

	VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.)	<u>15.36</u> V.	<u>241</u> mV (<300)
+Anal. (>+ 7.0 V.)	<u>7.61</u> V.	<u>84</u> mV (<80)
-Anal. (>-7.0 V.)	<u>-7.82</u> V.	<u>-73</u> mV (<70)

Exercise the disk: DBAD !!
 Peak DISK _____ mV (<500)
 Run _____ V (>13.0 V.) _____ mV (<180)
 Off _____ mV (2)

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

VBAT: _____ mV (<80)
 +Anal: _____ mV (<80)
 -Anal: _____ mV (<70)

DISCONNECT CURRENT TEST BOX!

RECOVERY Date: _____
 Acoustics: Enable Response Release
 Release time: _____
 Inst. status: _____
 Time OK TFOM _____ Julian Day _____
 Time tag: _____
 Drift (ms): _____

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day _____
 Synch at _____
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM _____

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

ADC test
 Wakeup time: _____
 Initialize disk
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

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

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 303 DEP 1

Date 24 APR 2006 Data Logger No. 62
Cruise ID TOLSTOY 4 Acoustics Unit No. 13
Instrument name SN 62 Acoustics Deck Test OK
Checkout by: [Signature] Frame No. 13
Float No. 65
Battery Bottle: [X] Strobe No. 20
Sensor Ball No: [X] Radio No. 53
DPG No: [X] Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
Deployment time 14:25:00
Latitude 9° 49.4073 N
Longitude 104° 17.5663 W
Water depth 2517
Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.08A-0LD

SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.41 V. 286 mV (<300)
+Anal. (>+ 7.0 V.) 7.63 V. 82 mV (<80)
-Anal. (>-7.0 V.) -7.84 V. -73 mV (<70)

Exercise the disk:

Peak 51 mV (<500)
Run 14.75 V (>13.0 V.) 33 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

?? -> VBAT: 119 mV (<80)
+Anal: 82 mV (<80)
-Anal: 72 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 114
Synch at 4/24/06 13:32:00
(MM/DD/YY HH:MM:SS)
Time OK Time Tag OK UT TFOM 4

Parameters:

Description TOLSTOY 4 - SN 62
Sample rate 125 No. channels: 3
End of Expt. time NA
Compression: N (Y / N)

ADC test
Wakeup time: 4/24/06 14:30:00
 Initialize disk
 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: _____

LOST

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 304 DEP 1

Date 24 APR 2006 Data Logger No. 22
Cruise ID YOLSTROY 4 Acoustics Unit No. 15
Instrument name SN22 Acoustics Deck Test OK [X]
Checkout by: CBH Frame No. 15
Battery Bottle: [X] Float No. 37
Sensor Ball No: [X] Strobe No. 57
DPG No: [X] Radio No. 49
Radio Check OK [X] (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 2006
Deployment time 14:09:59:00
Latitude 9N 49.8573
Longitude 104W 18.3060
Water depth 2582
Acoustics disabled [X]

DATA LOGGER CHECKOUT

Software Version 9.08A-020
SET PARAMETERS TO 3 CHANNEL, 125Hz
VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.34 V. 255 mV (<300)
+Anal. (>+ 7.0 V.) 7.58 V. 080 mV (<80)
-Anal. (>-7.0 V.) -7.81 V. -69 mV (<70)

Exercise the disk:

Peak 46 mV (<500)
Run 14.85 V (>13.0 V.) 34 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 76 mV (<80)
+Anal: 80 mV (<80)
-Anal: -70 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 114
Synch at 04/24/06 09:57:00
(MM/DD/YY HH:MM:SS)
Time OK [X] Time Tag OK [X] UT TFOM 4

Parameters:

Description YOLSTROY 4 SN22
Sample rate 125 No. channels: 3
End of Expt. time
Compression: N (Y / N)

[X] ADC test

Wakeup time: 4/24/06 10:15:00
[X] Initialize disk
[X] Time tag OK DISCONNECT TIME RESET!
[X] Begin Time counting and OK [X]
[X] Purge

RECOVERY

Date: 1 FEB 2007
Acoustics: Enable [X] Response [X] Release [X]
Release time: 17:58L 18:08L 18:55L
Inst. status: Time counting
Time OK [X] TFOM 4 Julian Day 033
Time tag: 033:01:13:58.877300
Drift (ms): -1122.704 msec

Shift D at: 02/02/07 01:25:31
Closing block number: 55359960
Battery voltages:
VBAT: 14.70
+Anal: 7.19 -Anal: -7.13
Raw Filename: SN22_SITE 304_RAW

by GFSDRIFT

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 305 DEP 1

Date 24 APR 06 Data Logger No. 05
 Cruise ID TOLSTOY4 Acoustics Unit No. 05
 Instrument name SN 05 Acoustics Deck Test OK
 Checkout by: [Signature] Frame No. 05
 Battery Bottle: [X] Float No. 14
 Sensor Ball No: [X] Strobe No. 52
 DPG No: [X] Radio No. 10
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
 Deployment time 16:16:00
 Latitude 9°N 49.9521
 Longitude 109°W 17.6665
 Water depth 2513
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.08A_0LD
 SET PARAMETERS TO 3 CHANNEL, 125Hz

	VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.)	<u>15.40</u> V.	<u>282</u> mV (<300)
+Anal. (>+ 7.0 V.)	<u>7.62</u> V.	<u>81</u> mV (<80)
-Anal. (>7.0 V.)	<u>-7.84</u> V.	<u>-71</u> mV (<70)

Exercise the disk:

Peak 50 mV (<500)
 Run 14.72 V (>13.0 V.) 33 mV (<180)
 Off 1 mV (2)

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

VBAT:	<u>81</u> mV (<80)
+Anal:	<u>81</u> mV (<80)
-Anal:	<u>-71</u> mV (<70)

RAM OK ✓

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 114
 Synch at 4/24/06 15:58:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:
 Description TOLSTOY4 - SN 05
 Sample rate 125 No. channels: 3
 End of Expt. time NA
 Compression: N (Y / N)

ADC test
 Wakeup time: 4/24/06 17:00:00
 Initialize disk
 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: _____

Lost

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 307 DEP 1

Date 24 APR 06 Data Logger No. 64
 Cruise ID VOLSTOY 4 Acoustics Unit No. 64
 Instrument name SN64 Acoustics Deck Test OK
 Checkout by: CBH Frame No. 64
 Battery Bottle: X Float No. 32
 Sensor Ball No: X Strobe No. 21
 DPG No: X Radio No. 18
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
 Deployment time 16:54:00
 Latitude 9°N 50.2106
 Longitude 109°W 16.5380
 Water depth 2549
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.08A_0LD
SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.) <u>15.42</u> V.	<u>250</u> mV (<300)
+Anal. (>+ 7.0 V.) <u>7.63</u> V.	<u>79</u> mV (<80)
-Anal. (>-7.0 V.) <u>-7.85</u> V.	<u>-71</u> mV (<70)

Exercise the disk:

Peak 52 mV (<500)
 Run 14.78 V (>13.0 V.), 34 mV (<180)
 Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 66 mV (<80)
 +Anal: 80 mV (<80)
 -Anal: -71 mV (<70)

RAM OK ✓

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 114
 Synch at 4/24/06 16:30:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:

Description VOLSTOY4-SN64
 Sample rate 125 No. channels: 3
 End of Expt. time NA
 Compression: N (Y / N)

ADC test
 Wakeup time: 4/24/06 17:30:00
 Initialize disk
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

RECOVERY

Date: 31 JAN 2007
 Acoustics: Enable Response Release
R2C MON OFF BOT SURFACE
 Release time: 18:46L 18:53L 19:40L
 Inst. status: time counting
 Time OK TFOM 4 Julian Day 032
 • OBS 032:02:33:35
 Time tag: 032:02:33:34.946370
(YY:JDAY:HH:MM:SS.SSS)
 Drift (ms): OBS ahead -53.629 msec

Shift D at: couldn't work time kept incrementing

Closing block number: _____
 Battery voltages:
 VBAT: 14.87
 +Anal: 7.36 -Anal: -7.56

Raw Filename: SN64-Site307.RAW

RADIO NOT ON @ SURFACE!!

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 308 DEP 1

Date 29 APR 06 Data Logger No. 66
Cruise ID Tolstoy 4 Acoustics Unit No. 66
Instrument name SN 66 Acoustics Deck Test OK [checked]
Checkout by: CBH Frame No. 66
Battery Bottle: [X] Float No. 12
Sensor Ball No: [X] Strobe No. 67
DPG No: [X] Radio No. 32
Radio Check OK [] (160.725 Mhz)

DEPLOYMENT

Deployment date 29 APR 06
Deployment time 19:12:00
Latitude 9°N 50.6581
Longitude 109°W 17.1860
Water depth 2527
Acoustics disabled [checked]

DATA LOGGER CHECKOUT

Software Version 9.08A-010
SET PARAMETERS TO 3 CHANNEL, 125Hz
VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.30 V. 281 mV (<300)
+Anal. (>+ 7.0 V.) 7.63 V. 83 mV (<80)
-Anal. (>-7.0 V.) -7.83 V. -73 mV (<70)

Exercise the disk:

Peak 48 mV (<500)
Run 14.75 V (>13.0 V.) 35 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

RAM OK [checked]
VBAT: 89 mV (<80)
+Anal: 83 mV (<80)
-Anal: -73 mV (<70)

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[] Synchronize time base Julian Day 114
Synch at 4/24/06 18:51:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters:

Description Tolstoy 4 - SN 66
Sample rate 125 No. channels: 3
End of Expt. time NA
Compression: N (Y / N)

[checked] ADC test

Wakeup time: 4/24/06 20:15:00
[checked] Initialize disk
[checked] Time tag OK DISCONNECT TIME RESET!
[checked] Begin Time counting and OK [checked]
[] Purge

RECOVERY

Date: 1 FEB 2007
Acoustics: Enable [checked] Response [checked] Release [checked]
Release time: 20:01L 20:46L
Inst. status: Tax counting
Time OK [checked] TFOM 4 Julian Day 033
Time tag: 033:04:37:39.611730 (YY:JDAY:HH:MM:SS.SSS)
Drift (ms): -368.270 msec

Shift D at: 2/2/07 04:39:14
Closing block number: 55306236
Battery voltages:
VBAT: 15.03
+Anal: 7.40 -Anal: -7.21
Raw Filename: SN66-SITE 308.RAW

Rev Feb06

by GPSDRIFT

SENSE LINE GROUNDSD, SO
RELEASE ABORTED AFTER 1 MIN.

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 309 DEP 1

Date 24 APR 06 Data Logger No. 79
Cruise ID TOLSTOY 4 Acoustics Unit No. 79
Instrument name SN 79 Acoustics Deck Test OK [checked]
Checkout by: BH Frame No. 79
Battery Bottle: [X] Float No. 43
Sensor Ball No: [X] Strobe No. 35
DPG No: [X] Radio No. 36
Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
Deployment time 19:45:00
Latitude 9°N 51.0860
Longitude 109°W 17.6352
Water depth 2513
Acoustics disabled [checked]

DATA LOGGER CHECKOUT

Software Version 9.08A-0C0
SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.40 V. 248 mV (<300)
+Anal. (>+ 7.0 V.) 7.62 V. 80 mV (<80)
-Anal. (>-7.0 V.) -7.84 V. -71 mV (<70)

Exercise the disk:

Peak 52 mV (<500)
Run 14.70 V (>13.0 V.) 34 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 70 mV (<80)
+Anal: 80 mV (<80)
-Anal: -71 mV (<70)

RAM OK [checked]

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 114
Synch at 4/24/06 19:25:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters: Description TOLSTOY 4 - SN 79

Sample rate 125 No. channels: 3

End of Expt. time

Compression: N (Y / N)

[checked] ADC test
Wakeup time: 4/24/06 20:30:00
[checked] Initialize disk
[checked] Time tag OK DISCONNECT TIME RESET!
[checked] Begin Time counting and OK [checked]
[checked] Purge

RECOVERY

Date:
Acoustics: Enable [unchecked] Response [unchecked] Release [unchecked]
Release time:
Inst. status:
Time OK [unchecked] 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:

STUCK

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 310 DEP 1

Date 24 APR 2006 Data Logger No. 73
 Cruise ID FOLSTOY 4 Acoustics Unit No. 73
 Instrument name SN73 Acoustics Deck Test OK
 Checkout by: [Signature] Frame No. 73
 Battery Bottle: [X] Float No. 66
 Sensor Ball No: [X] Strobe No. 40
 DPG No: _____ Radio No. 57
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
 Deployment time 15:40:00
 Latitude 9°N 49.7013
 Longitude 109°W 17.3072
 Water depth 2507
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.08A-OLD
SET PARAMETERS TO 3 CHANNEL, 125Hz
 VOLTAGES CURRENT TESTS
 VBAT (>14.5 V.) 15.40 V. 277 mV (<300)
 +Anal. (> 7.0 V.) 7.63 V. 82 mV (<80)
 -Anal. (>7.0 V.) -7.84 V. -73 mV (<70)

Exercise the disk:

Peak 51 mV (<500)
 Run 14.68 V (>13.0 V.) 39 mV (<180)
 Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 74 mV (<80)
 +Anal: 81 mV (<80)
 -Anal: -73 mV (<70)

DISCONNECT CURRENT TEST BOX!

RECOVERY Date: 31 JAN 2007
 Acoustics: Enable Response Release
 Release time: 16:41L surface 18:01L
 Inst. status: Time counting
 Time OK TFOM 4 Julian Day 032
 Time tag: 032:01:08:15.9906817
 Drift (ms): -9.318 msec

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 114
 Synch at 4/24/06 15:17:00
 (MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:

Description FOLSTOY4-SN73
 Sample rate 125 No. channels: 3
 End of Expt. time NA
 Compression: N (Y / N)

ADC test
 Wakeup time: 4/24/06 16:30:00
 Initialize disk
 Time tag OK **DISCONNECT TIME RESET!**
 Begin Time counting and OK
 Purge

Shift D at: 032:01:10:15
 Closing block number: 55109828
55113714
 Battery voltages:
 VBAT: 14.97
 +Anal: 7.36 -Anal: -7.45
 Raw Filename: SN73_Line01-SITE310-NONAME.P1A
SN73-Site310.Raw

SLOW RISE: NO SYNTHACTIC TEAM

GPS DRIFT => -9.318 msec @ 032:01:09:19.990683

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 311 DEP 1

Date 29 APR 06 Data Logger No. 27
 Cruise ID TOLSTOY 4 Acoustics Unit No. 27
 Instrument name SN27 Acoustics Deck Test OK
 Checkout by: [Signature] Frame No. 27
 Battery Bottle: [Signature] Float No. 45
 Sensor Ball No: [Signature] Strobe No. 04
 DPG No: [Signature] Radio No. 34
 Radio Check OK (160.725 Mhz)

DEPLOYMENT

Deployment date 29 APR 06
 Deployment time 17:28:00
 Latitude 9°N 50.2666
 Longitude 104°W 17.3297
 Water depth 2510
 Acoustics disabled

DATA LOGGER CHECKOUT

Software Version 9.06A-000
SET PARAMETERS TO 3 CHANNEL, 125Hz

VOLTAGES	CURRENT TESTS
VBAT (>14.5 V.) <u>15.37</u> V.	<u>308</u> mV (<300)
+Anal. (>+ 7.0 V.) <u>7.63</u> V.	<u>81</u> mV (<80)
-Anal. (>-7.0 V.) <u>-7.84</u> V.	<u>-70</u> mV (<70)

Exercise the disk:

Peak 49 mV (<500)
 Run 14.63 V (>13.0 V.), 33 mV (<180)
 Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 78 mV (<80)
 +Anal: 81 mV (<80)
 -Anal: -70 mV (<70)

RAM OK ✓

DISCONNECT CURRENT TEST BOX!

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

ADC test with test box connected
 Synchronize time base Julian Day 114
 Synch at 4/24/06 17:06:00
(MM/DD/YY HH:MM:SS)
 Time OK Time Tag OK UT TFOM 4

Parameters:

Description TOLSTOY 4 - SN27
 Sample rate 125 No. channels: 3
 End of Expt. time NA
 Compression: N (Y / N)

ADC test

Wakeup time: 4/24/06 18:20:00

Initialize disk

Time tag OK **DISCONNECT TIME RESET!**

Begin Time counting and OK

Purge

RECOVERY Date: 31 JAN 2007

Acoustics: Enable Response Release
RE ACK OFF BAT SURFACE
 Release time: 20:08 20:16 21:05

Inst. status: time counting

Time OK TFOM 4 Julian Day 032

Time tag: GPS 032 03:32:30
(YY.JDAY.HH:MM:SS.SSS)

Drift (ms): GPS DRIFT => -213.248 msec

Shift D at: 032:03:35:35

Closing block number: 5518490

Battery voltages:

VBAT: 14.78

+Anal: 7.32 -Anal: -7.96

Raw Filename: SN27_SITE311_RAW

L-CHEAPO 2000 DEPLOYMENT CHECKLIST

SITE 312 DEP 1

Date 24 APR 06 Data Logger No. 57
Cruise ID FOCSTOY 4 Acoustics Unit No. 57
Instrument name SN 57 Acoustics Deck Test OK [checked]
Checkout by: CBA Frame No. 57
Battery Bottle: [crossed out] Float No. 34
Sensor Ball No: [crossed out] Strobe No. 13
DPG No: [crossed out] Radio No. 58
Radio Check OK [checked] (160.725 Mhz)

DEPLOYMENT

Deployment date 24 APR 06
Deployment time 18:37:00
Latitude 9°N 50.4782
Longitude 109°W 17.7695
Water depth 2515
Acoustics disabled [checked]

DATA LOGGER CHECKOUT

Software Version 9.08A-OLD
SET PARAMETERS TO 3 CHANNEL, 125Hz
VOLTAGES CURRENT TESTS
VBAT (>14.5 V.) 15.42 V. 245 mV (<300)
+Anal. (>+ 7.0 V.) 7.63 V. 82 mV (<80)
-Anal. (>-7.0 V.) -7.84 V. -72 mV (<70)

Exercise the disk:

Peak 51 mV (<500)
Run 14.70 V (>13.0 V.) 32 mV (<180)
Off 1 mV (2)

Current Tests Acquiring Data (Use W and B Commands)

VBAT: 69 mV (<80)
+Anal: 82 mV (<80)
-Anal: -72 mV (<70)

RAM OK [checked]

LOGGER STARTUP

USE RUN PLUG TO TURN ON INSTRUMENT!

[checked] ADC test with test box connected
[checked] Synchronize time base Julian Day 114
Synch at 4/24/06 18:18:00 (MM/DD/YY HH:MM:SS)
Time OK [checked] Time Tag OK [checked] UT TFOM 4

Parameters:

Description FOCSTOY 4 - SN 57
Sample rate 125 No. channels: 3
End of Expt. time NA
Compression: N (Y / N)

[checked] ADC test
Wakeup time: 4/24/06 20:00:00
[checked] Initialize disk
[checked] Time tag OK DISCONNECT TIME RESET!
[checked] Begin Time counting and OK [checked]
[unchecked] Purge

DISCONNECT CURRENT TEST BOX!

RECOVERY

Date: 2 FEB 2007
Acoustics: Enable [checked] Response [checked] Release [checked]
Release time: 18:40L 18:50L 19:35L
Inst. status: Time counting
Time OK [checked] TFOM 4 Julian Day 033
Time tag: 033:02:04:58.811019 (YY:JDAY:HH:MM:SS.SSS)
Drift (ms): -1188.981 msec

by GPS DRIFT

Shift D at: 02/02/07 02:06:29
Closing block number: 55287573
Battery voltages:
VBAT: 14.78
+Anal: 7.31 -Anal: -7.12
Raw Filename: SN57_SITE312_RAW