

Sontek ADV Deployment Setup

Date 3-7-12

Location

- M1
- MB
- Other _____

Deployment Site Lat.: 38° 27.007N

Deployment Site Long.: 76° 26.395W

Deployment Site Depth: ~32 ft

cmab 75

Sensor

Upward looking

- B336 (V20358) & G494 (V20364)
- B337 (V20359) & G447 (V20365)
- B338 (V20360) & G446 (V20366)

sensor painted with Interlux MicronCSC

Old battery voltages _____ / _____

New battery voltages 19.00 / 19.07

Calibration date 3-7-12 filename _____

Compass Calibration Horizontal Calibration score (0-9) 5 (Poor)
 Vertical Calibration score (0-9) 1 (very poor)
 Ambient Mag Field Strength (4.5) 3.11 (Excellent)
 Results: (pass/fail) Fail

Set Clock

Reformat memory card 1024966656 bytes free space

Deployment (ex. MBM12) MIM12

Start date (7/26/07) 2012/03/12

Start time (12:50:00) 07:55:00 am (EST)

Sample rate (25) 25

Burst Interval (1800) 1800

Samples/burst (8192) 8192

Burst length (120) 120

Velrange +/- 200cm/sec (3) ✓

Salinity (18) ✓

After start deployment record: Days of memory (402) 118.42

Battery (92) _____

Retrieval Date 5/18/2012 Time 10:21 EDT

ADCP Deployment Setup

Date 3-7-12

ADCP (RDI 1200) kHz

cmab _____

Location

- M1 (1200 kHz)
- MB (600 kHz)
- Other _____

Sensor

- WHSW1200-I-UG34 (s/n 5793) (V18437)
- WHSW600-I-UG65 (s/n 7260) (V ET-0485)
- Other _____

sensor painted with Interlux MicronCSC

Deployment Site Lat.: _____

Deployment Site Long.: _____

Deployment Site Depth: ~32 ft

Old battery voltages _____ / _____

New battery voltages 45 volts / _____

Calibration date 3/6/12 filename _____

Compass Calibration (AR than AX)

Single: 2.35°

Double: 0.33

Largest Double and Single 2.68°

RMS (3rd order): 0.73°

Orientation (up): up

Pitch: -0.30 ± .75

Roll: 1.13 ± .083

Set Clock

Reformat memory card 1,043,955,712 bytes free space

> higher than expected

1200 kHz

Deployment file: M1_5793.rds

CR1
TG Start date and time 2012/03/12, 08:00:00
RN Name M1M12
CF11101 ✓
EAO ✓
EBO ✓
ED120 ✓
ES10 ✓
EX11111 ✓
EZ1111101 ✓
WA50 ✓
BWBO ✓
WD111100000 ✓
WM1 ✓
WF44 ✓
WN25 ✓
WP120 ✓
WS50 ✓
WV175 ✓
TE00:05.00.00 ✓
TP00:02:50 ✓

600 kHz

Deployment file: MB_7260.rds

CR1
TG Start date and time _____
RN Name _____
CF11101 _____
EAO _____
EBO _____
ED320 _____
ES10 _____
EX11111 _____
EZ1111101 _____
WA50 _____
BWBO _____
WD111100000 _____
WM1 _____
WF88 _____
WN32 _____
WP100 _____
WS100 _____
WV175 _____
TE00:05.00.00 _____
TP00:02:50 _____

After start deployment record: Days of memory (402) _____
Battery (92) _____

Retrieval Date 5/18/2012 Time 10:21 EDT

HOBO Deployment Setup

Date 3-8-12

- Location**
- M1
 - M3
 - M4
 - M5
 - S2
 - Other _____

Deployment Site Lat.: _____
 Deployment Site Long.: _____
 Deployment Site Depth: _____

cmab 37.5

- Sensor**
- SN 9945142
 - SN 10075264
 - SN 10075265
 - SN 10075266
 - SN 10075267
 - SN 10075268
 - SN 10075269
 - SN 10075270
 - SN 10075272
 - SN 10075273
 - SN 10075274
- sensor painted with Interlux MicronCSC

Old battery voltages _____
 New battery voltages 3.58 volts
 Memory used 0

- Set Clock
- Reformat memory card _____ free space

HOBO Set-Up

Description (Enter file name-ex M1_MAR12): M1_MAR12

Sensors

- Conductivity Low Range
- Conductivity High Range
- Temperature U24
- Logger's Battery Voltage

HOBO Deployment

Logging Interval (15 min) ✓
 Samples (9999) ✓ (can't change)
 Log Until (104.1) ✓ (can't change)
 Start Logging on Date/Time (03/12/12 12:00:00 PM) 03/12/12 12:00:00 PM

Retrieval Date 5/18/2012 Time 10:21 EDT