

Nortek ADV Deployment Setup

Date 3/22/14

Location

- Clay Bank (Tower)
- Other _____

cmab 4131

Tower Location M1

Sensor

- VCH4856 (Head) & VEC9685 (Hardware) V21967
- VCH4844 (Head) & VEC9679 (Hardware) V21966
- VCH4854 (Head) & VEC9699 (Hardware) V21968
- VCH4493 (Head) & VEC9697 (Hardware) V20113
- VCH4921 (Head) & VEC8207 (Hardware) V21977 (Profiler ONLY)
- VCH4867 (Head) & VEC9688 (Hardware) ODU
- VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages _____ / _____
 New battery voltages 11.8 / 11.8

Reformat memory card _____ free space

Calibration date 3/24/10 filename _____

Calibrate Pressure Sensor

Compass Calibration: offsets: dx _____
 dy _____

Degree Error: 1.0
1.4

Master

Standard

- Sample rate (16 Hz) _____
- Nominal Velrange (+- 2.00m/s) _____
- Burst Interval (900)
- Samples/burst (2400)
- *(16 Hz for 2.5 minutes equals 2400 records)
- Coordinate system 2 (XYZ)
- Salinity (measured) (15)
- Geography (open ocean)
- Battery pack (Other, See help)
- Battery Capacity (540) 310
- Assumed duration (days) (120) 90
- Use Advanced Settings

Advanced

- Sample volume (14.9 mm)
- Transit length (4.0 mm)
- Power level (HIGH)
- Output Sync (For Vector)
- Input Sync (Leave unchecked)
- Start on Sync
- Sample on Sync
- Assumed duration (days) (120) 90
- Battery Utilization 310
- Memory Required 524.4
- Vertical Velocity Range(1 m/s)

Horizontal Velocity Range (3.5 m/s) ✓

Set Clock

Deployment (ex. DEC12M)

Start date (7/26/07)

Start time (12:50:00)

MAR 16 M

3/28/2016

~~12:50:00~~ 11:00:00 AM

Retrieval Date _____ Time _____

HOBO Deployment Setup

Date 3-23-16

Location

- ClayBank Tower *by M1*
- ClayBank Tripod
- Other _____

cmab 418

Sensor

- SN 9945142
- SN 10075264
- SN 10075265
- SN 10075266
- SN 10075267
- SN 10075268
- SN 10075269
- SN 10075270
- SN 10075272
- SN 10075273
- SN 10075274

YSI 6600 Rec Col file: MAR16CAL

sensor painted with Interlux MicronCSC

Old battery voltages 3.6 V
 New battery voltages 3.6 V
 Memory used 0.00

- Set Clock
- Reformat memory card _____ free space

HOBO Set-Up

Description (Enter file name-ex M1_MAR12): MAR16-74

Sensors

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

HOBO Deployment

Logging Interval (15 min) 15 min
 Samples (9999) 9998
 (can't change)
 Log Until (104.1) 104.1 days
 (can't change)
 Start Logging on Date/Time (03/12/12 12:00:00 PM) 03/24/16 07:00:00

Retrieval Date _____ **Time** _____

Nortek ADV Deployment Setup

Date 3/22/16

Location Clay Bank (Tower)
 Other _____

cmab 331

Tower Location Si

- Sensor
- VCH4856 (Head) & VEC9685 (Hardware) V21967
 - VCH4844 (Head) & VEC9679 (Hardware) V21966
 - VCH4854 (Head) & VEC9699 (Hardware) V21968 (missing vms #)
 - VCH4493 (Head) & VEC9697 (Hardware) V20113
 - VCH4921 (Head) & VEC8207 (Hardware) V21977 (Profiler ONLY)
 - VCH4867 (Head) & VEC9688 (Hardware) ODU
 - VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages _____ / _____
 New battery voltages 11.8 / 11.8

Reformat memory card _____ free space

Calibration date 3/24/16 filename _____

Calibrate Pressure Sensor

Compass Calibration: offsets: dx 0.112
 dy 0.046

Degree Error: 1.0

Master

Standard	Sample rate	(16 Hz)	<input checked="" type="checkbox"/>
	Nominal Velrange	(+/- 2.00m/s)	<input checked="" type="checkbox"/>
	Burst Interval	(900)	<input checked="" type="checkbox"/>
	Samples/burst	(2400)	<input checked="" type="checkbox"/>
	*(16 Hz for 2.5 minutes equals 2400 records)		
	Coordinate system 2	(XYZ)	<input checked="" type="checkbox"/>
	Salinity (measured)	(15)	<input checked="" type="checkbox"/>
	Geography	(open ocean)	<input checked="" type="checkbox"/>
	Battery pack	(Other, See help)	<input checked="" type="checkbox"/> 2-lithium-16
	Battery Capacity	(540)	<u>100</u>
	Assumed duration (days)	(120)	<u>90</u>
	<input type="checkbox"/> Use Advanced Settings		

Advanced	Sample volume	(14.9 mm)	<input checked="" type="checkbox"/>
	Transit length	(4.0 mm)	<input checked="" type="checkbox"/>
	Power level	(HIGH)	<input checked="" type="checkbox"/>
	Output Sync	(For Vector)	<input checked="" type="checkbox"/>
	Input Sync (Leave unchecked)		<input type="checkbox"/>
	Start on Sync		<input checked="" type="checkbox"/>
	Sample on Sync		<input checked="" type="checkbox"/>
	Assumed duration (days)	(120)	<u>90</u>
	Battery Utilization		<u>310</u>
	Memory Required		<u>524.4</u>
	Vertical Velocity Range(1 m/s)		<input checked="" type="checkbox"/>

Horizontal Velocity Range (3.5 m/s)

✓

Set Clock

Deployment	(ex. DEC12M)	MARGSI
Start date	(7/26/07)	MARGSI
Start time	(12:50:00)	3/28/16
		11:00:00 AM

Retrieval Date _____ Time _____

HOBO Deployment Setup

Date 3-23-16

Location

- ClayBank Tower *by SI*
- ClayBank Tripod
- Other _____

cmab 316

Sensor

- SN 9945142
- SN 10075264
- SN 10075265
- SN 10075266
- SN 10075267
- SN 10075268
- SN 10075269
- SN 10075270
- SN 10075272
- SN 10075273
- SN 10075274

YSS @600 PreCol file: MAR16CAL

sensor painted with Interlux MicronCSC

Old battery voltages 3.6 V
 New battery voltages 3.6 V
 Memory used 0.00

- Set Clock
- Reformat memory card _____ free space

HOBO Set-Up

Description (Enter file name-ex M1_MAR12): MAR16-42

Sensors

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

HOBO Deployment

Logging Interval (15 min) 15 min
 Samples (9999) 9998
 (can't change)
 Log Until (104.1) 104.1 days
 (can't change)
 Start Logging on Date/Time (03/12/12 12:00:00 PM) 03/24/16 07:00:00 Am

Retrieval Date _____ **Time** _____

Nortek ADV Deployment Setup

Date 3/22/16

Location

- Clay Bank (Tower)
- Other _____

cmab 231

Tower Location SZ

Sensor

- VCH4856 (Head) & VEC9685 (Hardware) V21967
- VCH4844 (Head) & VEC9679 (Hardware) V21966
- VCH4854 (Head) & VEC9699 (Hardware) V21968
- VCH4493 (Head) & VEC9697 (Hardware) V20113
- VCH4921 (Head) & VEC8207 (Hardware) V21977 (Profiler ONLY)
- VCH4867 (Head) & VEC9688 (Hardware) ODU
- VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages _____ / _____
 New battery voltages ~~11.8~~ / ~~12.10~~ 11.8

Reformat memory card _____ free space

Calibration date 3/24/16 filename _____

Calibrate Pressure Sensor

Compass Calibration: offsets: dx -0.331
 dy -0.029

Degree Error: 1.0

Master

Standard	Sample rate	(16 Hz)	<input checked="" type="checkbox"/>
	Nominal Velrange	(+/- 2.00m/s)	<input checked="" type="checkbox"/>
	Burst Interval	(900)	<input checked="" type="checkbox"/>
	Samples/burst	(2400)	<input checked="" type="checkbox"/>
	*(16 Hz for 2.5 minutes equals 2400 records)		
	Coordinate system 2	(XYZ)	<input checked="" type="checkbox"/>
	Salinity (measured)	(15)	<input checked="" type="checkbox"/>
	Geography	(open ocean)	<input checked="" type="checkbox"/>
	Battery pack	(Other, See help)	<u>2 - Lithium-Ion</u>
	Battery Capacity	(540)	<u>100</u>
	Assumed duration (days)	(120)	<u>90</u>
	<input type="checkbox"/> Use Advanced Settings		

Advanced	Sample volume	(14.9 mm)	<input checked="" type="checkbox"/>
	Transit length	(4.0 mm)	<input checked="" type="checkbox"/>
	Power level	(HIGH)	<input checked="" type="checkbox"/>
	Output Sync	(For Vector)	<input checked="" type="checkbox"/>
	Input Sync (Leave unchecked)		<input type="checkbox"/>
	Start on Sync		<input checked="" type="checkbox"/>
	Sample on Sync		<input checked="" type="checkbox"/>
	Assumed duration (days)	(120)	<u>90</u>
	Battery Utilization		<u>310</u>
	Memory Required		<u>524.4</u>
	Vertical Velocity Range(1 m/s)		<input checked="" type="checkbox"/>

Horizontal Velocity Range (3.5 m/s)

✓

Set Clock

Deployment (ex. DEC12M)

MAR05Z

Start date (7/26/07)

3/28/16

Start time (12:50:00)

11:00:00 AM

Retrieval Date _____ Time _____

HOBO Deployment Setup

Date 3-23-16

Location

- ClayBank Tower *by SZ*
- ClayBank Tripod
- Other _____

cmab 222

Sensor

- SN 9945142
- SN 10075264
- SN 10075265
- SN 10075266
- SN 10075267
- SN 10075268
- SN 10075269
- SN 10075270
- SN 10075272
- SN 10075273
- SN 10075274

VSI 6000 pre cal file: MAR16CAL

sensor painted with Interlux MicronCSC

Old battery voltages 3.6V
 New battery voltages 3.6V
 Memory used 0.00

- Set Clock
- Reformat memory card _____ free space

HOBO Set-Up

Description (Enter file name-ex M1_MAR12): MAR16-68

Sensors

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

HOBO Deployment

Logging Interval (15 min) 15 min
 Samples (9999) 9998
 (can't change)
 Log Until (104.1) 104.1
 (can't change)
 Start Logging on Date/Time (03/12/12 12:00:00 PM) 03/24/16 07:00:00

Retrieval Date _____ **Time** _____

Nortek ADV Deployment Setup

Date 3/22/16

Location Clay Bank (Tower)
 Other _____

cmab 131

Tower Location SS

- Sensor
- VCH4856 (Head) & VEC9685 (Hardware) V21967
 - VCH4844 (Head) & VEC9679 (Hardware) V21966
 - VCH4854 (Head) & VEC9699 (Hardware) V21968
 - VCH4493 (Head) & VEC9697 (Hardware) V20113 SS
 - VCH4921 (Head) & VEC8207 (Hardware) V21977 (Profiler ONLY)
 - VCH4867 (Head) & VEC9688 (Hardware) ODU
 - VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages _____ / _____
 New battery voltages 11.8 / 11.8

Reformat memory card _____ free space

Calibration date 3-24-16 filename _____

Calibrate Pressure Sensor
 Compass Calibration: offsets: dx -1.113
 dy 1.252

Degree Error: 1.0

Master

Standard	Sample rate	(16 Hz)	<u>✓</u>
	Nominal Velrange	(+ 2.00m/s)	<u>✓</u>
	Burst Interval	(900)	<u>✓</u>
	Samples/burst	(2400)	<u>✓</u>
	*(16 Hz for 2.5 minutes equals 2400 records)		
	Coordinate system 2	(XYZ)	<u>✓</u>
	Salinity (measured)	(15)	<u>✓</u>
	Geography	(open ocean)	<u>✓</u>
	Battery pack	(Other, See help)	<u>2-lithium</u>
	Battery Capacity	(540)	<u>100</u>
	Assumed duration (days)	(120)	<u>90</u>
	<input type="checkbox"/> Use Advanced Settings		

Advanced	Sample volume	(14.9 mm)	<u>✓</u>
	Transit length	(4.0 mm)	<u>✓</u>
	Power level	(HIGH)	<u>✓</u>
	Output Sync	(For Vector)	<u>✓</u>
	Input Sync (Leave unchecked)		<u>✓</u>
	Start on Sync		<u>✓</u>
	Sample on Sync		<u>✓</u>
	Assumed duration (days)	(120)	<u>90</u>
	Battery Utilization		<u>316</u>
	Memory Required		<u>524.4</u>
	Vertical Velocity Range(1 m/s)		<u>✓</u>

Horizontal Velocity Range (3.5 m/s) ✓

Set Clock

Deployment (ex. DEC12M)

Start date (7/26/07)

Start time (12:50:00)

MAR03

8/28/16 11:00:00AM

11:00:00AM

Retrieval Date _____ Time _____

HOBO Deployment Setup

Date 3-23-16

Location

- ClayBank Tower *by SB*
- ClayBank Tripod
- Other _____

cmab 122

Sensor

- SN 9945142
- SN 10075264
- SN 10075265
- SN 10075266
- SN 10075267
- SN 10075268
- SN 10075269
- SN 10075270
- SN 10075272
- SN 10075273
- SN 10075274

YSI 6600 Precal file = MAR16CAL

sensor painted with Interlux MicronCSC

Old battery voltages 3.6V
 New battery voltages 3.6V
 Memory used 0.00

- Set Clock
- Reformat memory card _____ free space

HOBO Set-Up

Description (Enter file name-ex M1_MAR12): MAR16-169

Sensors

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

HOBO Deployment

Logging Interval	(15 min)	<u>15 min</u>
Samples	(9999)	<u>9998</u>
(can't change) Log Until	(104.1)	<u>104.1 days</u>
(can't change) Start Logging on Date/Time	(03/12/12 12:00:00 PM)	<u>03/24/16 07:00:00</u>

Retrieval Date _____ Time _____