

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  Other \_\_\_\_\_  
Deployment Site Lat.: 38° 27.245 N  
Deployment Site Long.: 76° 25.624 W  
Deployment Site Depth: ~~42.5 ft~~ 42.5 ft

\* In water 3/15/12  
1415 EST

mab originally 3-15-12 12.12 m mab after sinking 3-16-12 10.74 m

- VCH4856 (Head) & VEC9685 (Hardware) V21967
- VCH4844 (Head) & VEC9679 (Hardware) V21966
- VCH48454 (Head) & VEC9699 (Hardware) V21968
- VEH4493 (Head) & VEC9697 (Hardware) V20113
- VCH4867 (Head) & VEC9688 (Hardware) ODU (#1 - TADV01)
- VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_  
New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_

(Deployed by M. Scully)

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01)  
Start date (7/26/07)  
Start time (12:50:00)

TADV01  
4/11/12  
9:00 AM

Note  
\* File written as TADV0102  
even though M.S put  
TADV01  
\* when log file says it  
was started

<b>Standard</b>	Sample rate	(32 Hz)	<input checked="" type="checkbox"/>
	Nominal Velrange	(+/- 2.00m/s)	<input checked="" type="checkbox"/>
	Burst Interval	(900)	<input checked="" type="checkbox"/>
	Samples/burst	(16384)	<input checked="" type="checkbox"/>
	Coordinate system	(ENU)	<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"/>
	Battery Capacity	(540)	<input checked="" type="checkbox"/>
	Assumed duration (days)	(40)	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Use Advanced Settings		

<b>Advanced</b>	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 for master ADV)		<input checked="" type="checkbox"/>
	Start on Sync		<input checked="" type="checkbox"/>
	Sample on Sync		<input checked="" type="checkbox"/>
	Assumed duration (days)	(40)	<input checked="" type="checkbox"/>
	Battery Utilization		<input checked="" type="checkbox"/>
	Memory Required		<input checked="" type="checkbox"/>
	Vertical Velocity Range(1 m/s)		<input checked="" type="checkbox"/>
	Horizontal Velocity Range	(3.5 m/s)	<input checked="" type="checkbox"/>

Retrieval Date ~5-3-2012 Time \_\_\_\_\_

No VIMS present

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  Other \_\_\_\_\_  
Deployment Site Lat.: 38°27.245 N  
Deployment Site Long.: 76°25.624 W  
Deployment Site Depth: 42.5 F+

mab originally 3-15-12 10.29 mab after sinking 3-16-12 8.92

- Sensor  VCH4856 (Head) & VEC9685 (Hardware) V21967  
 VCH4844 (Head) & VEC9679 (Hardware) V21966  
 VCH48454 (Head) & VEC9699 (Hardware) V21968  
 VEH4493 (Head) & VEC9697 (Hardware) V20113  
 VCH4867 (Head) & VEC9688 (Hardware) ODU  
 VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_  
New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_ \* Done by M. Scully

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01) TADV02  
Start date (7/26/07) 4/11/12 \* when log file says it  
Start time (12:50:00) 9:00 am was started

Standard Sample rate (32 Hz) ✓  
Nominal Velrange (+- 2.00m/s) ✓  
Burst Interval (900) ✓  
Samples/burst (16384) ✓  
Coordinate system (ENU) ✓  
Salinity (measured) (15) ✓  
Geography (open ocean) ✓  
Battery pack (Other, See help) ✓  
Battery Capacity (540) ✓  
Assumed duration (days) (40) ✓  
 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 for master ADV)  
Start on Sync ✓  
Sample on Sync ✓  
Assumed duration (days) (40) ✓  
Battery Utilization ✓  
Memory Required ✓  
Vertical Velocity Range (1 m/s) ✓  
Horizontal Velocity Range (3.5 m/s) ✓

Retrieval Date 5-3-12 Time \_\_\_\_\_

No VMIS present

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  
 Other \_\_\_\_\_

Deployment Site Lat.: ~~28° 27'~~ 38° 27.245

Deployment Site Long.: 70° 25.624 W

Deployment Site Depth: 42.5 FT

mab originally 3-15-12 8.41

mab after sinking 3-16-12 7.04

- Sensor
- VCH4856 (Head) & VEC9685 (Hardware) V21967
  - VCH4844 (Head) & VEC9679 (Hardware) V21966
  - VCH48454 (Head) & VEC9699 (Hardware) V21968
  - VEH4493 (Head) & VEC9697 (Hardware) V20113
  - VCH4867 (Head) & VEC9688 (Hardware) ODU
  - VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_

New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_ \* Done by M. Scully

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01)

Start date (7/26/07)

Start time (12:50:00)

TADV03

4/11/12

9:00am

\* when log file says  
Started

- Standard**
- Sample rate (32 Hz)
  - Nominal Velrange (+- 2.00m/s)
  - Burst Interval (900)
  - Samples/burst (16384)
  - Coordinate system (ENU)
  - Salinity (measured) (15)
  - Geography (open ocean)
  - Battery pack (Other, See help)
  - Battery Capacity (540)
  - Assumed duration (days) (40)
  - 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 for master ADV)
    - Start on Sync
    - Sample on Sync
  - Assumed duration (days) (40)
  - Battery Utilization
  - Memory Required
  - Vertical Velocity Range(1 m/s)
  - Horizontal Velocity Range (3.5 m/s)

Retrieval Date \_\_\_\_\_ Time \_\_\_\_\_

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  
 Other \_\_\_\_\_

Deployment Site Lat.: 38° 27.245 N

Deployment Site Long.: 76° 25.624 W

Deployment Site Depth: 42.5 FT

mab originally 6.65

mab after sinking 3-16-12 5.28

- Sensor
- VCH4856 (Head) & VEC9685 (Hardware) V21967
  - VCH4844 (Head) & VEC9679 (Hardware) V21966
  - VCH48454 (Head) & VEC9699 (Hardware) V21968
  - VEH4493 (Head) & VEC9697 (Hardware) V20113
  - VCH4867 (Head) & VEC9688 (Hardware) ODU
  - VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_

New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_ \* Done by M. Scully

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01)

Start date (7/26/07)

Start time (12:50:00)

TADV04

4-11-12

9:00 AM

\* When log file says data was collected

- Standard
- Sample rate (32 Hz)
  - Nominal Velrange (+- 2.00m/s)
  - Burst Interval (900)
  - Samples/burst (16384)
  - Coordinate system (ENU)
  - Salinity (measured) (15)
  - Geography (open ocean)
  - Battery pack (Other, See help)
  - Battery Capacity (540)
  - Assumed duration (days) (40)
  - 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 for master ADV)
    - Start on Sync
    - Sample on Sync
  - Assumed duration (days) (40)
  - Battery Utilization
  - Memory Required
  - Vertical Velocity Range (1 m/s)
  - Horizontal Velocity Range (3.5 m/s)

Retrieval Date ~5-3-12 Time \_\_\_\_\_

NO VIMS present

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  
 Other \_\_\_\_\_

Deployment Site Lat.: 38° 27.245 N

Deployment Site Long.: 76° 25' 02.4 W

Deployment Site Depth: 42.5 ft

mab originally 4.83

mab after sinking 3.45

- Sensor
- VCH4856 (Head) & VEC9685 (Hardware) V21967
  - VCH4844 (Head) & VEC9679 (Hardware) V21966
  - VCH48454 (Head) & VEC9699 (Hardware) V21968
  - VEH4493 (Head) & VEC9697 (Hardware) V20113
  - VCH4867 (Head) & VEC9688 (Hardware) ODU
  - VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_

New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_

\* Done by M. Scully

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01)

TADV05

Start date (7/26/07)

4-11-12

Start time (12:50:00)

9:00 am

\* when log file says collection began

<b>Standard</b>	Sample rate	(32 Hz)	<input checked="" type="checkbox"/>
	Nominal Velrange	(+ 2.00m/s)	<input checked="" type="checkbox"/>
	Burst Interval	(900)	<input checked="" type="checkbox"/>
	Samples/burst	(16384)	<input checked="" type="checkbox"/>
	Coordinate system	(ENU)	<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"/>
	Battery Capacity	(540)	<input checked="" type="checkbox"/>
	Assumed duration (days)	(40)	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Use Advanced Settings		

<b>Advanced</b>	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 for master ADV)		
	Start on Sync		<input checked="" type="checkbox"/>
	Sample on Sync		<input checked="" type="checkbox"/>
	Assumed duration (days)	(40)	<input checked="" type="checkbox"/>
	Battery Utilization		<input checked="" type="checkbox"/>
	Memory Required		<input checked="" type="checkbox"/>
	Vertical Velocity Range (1 m/s)		<input checked="" type="checkbox"/>
	Horizontal Velocity Range	(3.5 m/s)	<input checked="" type="checkbox"/>

Retrieval Date 5-3-12 Time \_\_\_\_\_

No Vims present

Nortek ADV Deployment Setup

Date 3-15-12

Location  M3 (Tower)  Other \_\_\_\_\_  
Deployment Site Lat.: 38° 27.245 N  
Deployment Site Long.: 76° 25.624 W  
Deployment Site Depth: 42.5 ft

mab originally 3 mab after sinking 3-16-12 1.03

Sensor  VCH4856 (Head) & VEC9685 (Hardware) V21967  
 VCH4844 (Head) & VEC9679 (Hardware) V21966  
 VCH48454 (Head) & VEC9699 (Hardware) V21968  
 VEH4493 (Head) & VEC9697 (Hardware) V20113 (MASTER ADV)  
 VCH4867 (Head) & VEC9688 (Hardware) ODU  
 VCH4871 (Head) & VEC9691 (Hardware) ODU

sensor painted with Interlux MicronCSC

Old battery voltages \_\_\_\_\_ / \_\_\_\_\_  
New battery voltages \_\_\_\_\_ / \_\_\_\_\_

Calibration date \_\_\_\_\_ filename \_\_\_\_\_ \* Done by M. Scully

Set Clock  Reformat memory card \_\_\_\_\_ free space

Deployment (ex. TADV01) TADV06  
Start date (7/26/07) 4-11-12 \* when the log file  
Start time (12:50:00) 9:00 am said it began sampling

Standard Sample rate (32 Hz) ✓  
Nominal Velrange (+- 2.00m/s) ✓  
Burst Interval (900) ✓  
Samples/burst (16384) ✓  
Coordinate system (ENU) ✓  
Salinity (measured) (15) ✓  
Geography (open ocean) ✓  
Battery pack (Other, See help) ✓  
Battery Capacity (540) ✓  
Assumed duration (days) (40) ✓  
 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 for master ADV)  
Start on Sync \_\_\_\_\_  
Sample on Sync \_\_\_\_\_  
Assumed duration (days) (40) ✓  
Battery Utilization ✓  
Memory Required ✓  
Vertical Velocity Range (1 m/s) ✓  
Horizontal Velocity Range (3.5 m/s) ✓

Retrieval Date 5-3-12 Time \_\_\_\_\_

NO Vims present

**WIND Data Download**

**Retrieval Date** 5-3-12

**Location**

- M3 (tower)
- Other \_\_\_\_\_

**Nortek ADV**

**Sensor**

- VCH4856 (Head) & VEC9685 (Hardware) V21967
- VCH4844 (Head) & VEC9679 (Hardware) V21966
- VCH48454 (Head) & VEC9699 (Hardware) V21968
- VEH4493 (Head) & VEC9697 (Hardware) V20113
- VCH4867 (Head) & VEC9688 (Hardware) ODU
- VCH4871 (Head) & VEC9691 (Hardware) ODU
- Other \_\_\_\_\_

*\* Downloaded by Malcom Sully (ODU)*

Download Computer \_\_\_\_\_

Filename \_\_\_\_\_

Size \_\_\_\_\_

**COMMENTS**

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