

Calibration Cruise

4939

ADV: VEH 4493
VEC 1677

(V20113)

NOT
EST!

Start Nontek Deployment for
8/16/11 @ 0800 hrs. 56mas

Sampling Every 1200 seconds (20ms)
taking 9530 records (<4 sec lost)
Between Bursts

Mounted on profiler.

4940 Onset HOBOT CTD ... 37mas

S/N 9945142 Log Every 30 sec

Start - 0800 8/16/11

4SE COTAWAY V219DS ... 34mas

8/16/11

Calibration Cruise BKT Flood

ON BOARD R/V ELIS OLSSON

CAPT WAYNE KEISER CREW GRACE
CARTWRIGHT

STAT - S 4941 - 4946

Return Home too rough!

WINDS ~ 25 MPH AGAINST
TIDE

44947 - Hobo CTD =/N 2945142
Start 8/18/11 @ 0900 hrs
Every 30 sec.

N4948 - Nontek ADV V20113
Start Burst Every 1200 Secs
@ 0920

Close to
not
EST.

8/18/2011

Calibration - Cruise Bkt Flood.

Left Dock @ 0636 EST On Board
R/V ELIS Olsson Capt Wayne Keisner
Crew Grace Cartwright

4949 - 4967 ← Stations

Straked earlier than predicted stroke.
Predicted 0828 EST will be 1st
Profile @ 0800 EST

A good Day!

Profiler Deployment Setup

Date 8/16/11
+ 8/18/11

- Location**
- Gloucester Pt
 - Claybank
 - other _____
- Profiler**
- R.O.S.E.
 - lil ROSE

ADV (SONTEK)

cmab 55 cmab

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

✓ Vims sticker # 20361
Housing G493
* Borrowed from Dr. Maa

Calibration date _____ filename _____

Compass Calibration Horizontal Calibration score (0-9) _____

Vertical Calibration score (0-9) _____

Ambient Mag Field Strength (4.5) _____

Results: (pass/fail) _____

CTD (YSI 6600)

cmab 37 cmab

- Sensor**
- 03H1988 (V17937)
 - 03K0492 (V??008)
 - 07B1391 (V20490)

✓ 04K17251
↳ Borrowed from CROBER

Calibration date _____

- conductivity
- pressure
- turbidity

LISST 100X (Sequoia)

- Sensor**
- 1075 (V14726)
 - 1185 (V18917)
 - 1232 (V20536)
 - 1239 (V20609)

cmab 39 cmab

- OBS**
- 1675 (V16608)
 - 1812 (V16965)
 - 11315 (V20774)

cmab 36 cmab

Calibration date _____ zscat name _____

PUMP INTAKE

cmab H 36 cmab

L 30 cmab

ADCP (RDI 1200 kHz)

- Sensor**
- 602 (V)

cmab _____

for PG 2

ADDITIONAL Instruments

- NOtek ADV

Filename:
N4939

56 crabs

- ONSET Hobo ^{crd} Filename

N4940

37 crabs

Log every 30 seconds start 0800 8/16/11

S/N 9995142

- YSI castaway V21919

34 crabs

BART FLOOD

Cruise YR 110816

Date 8/16/11

Station	start time	37° latitude	-76° longitude	ADCP total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Comment
4941	0713	20.5712	37.5842	6.1	000	✓	✓	✓	B4941	5.34	071605	0720	Profile ①
↓	↓	↓	↓	↓	↓	↓	↓	↓	M4941	3.94	071758		
↓	↓	↓	↓	↓	↓	↓	↓	↓	T4941	0.94	071944		
4942	0725	20.5731	37.5821	6.2	001	✓	✓	✓	L4942	5.99	072830		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	L4942-2	6.02	073750	0739	
4943	0740	20.5751	37.5833	6.31	002	✓	✓	✓	L4943	6.04	074245		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	L4943-2	6.05	074530	0749	★
4944	0803	20.5827	37.5757	6.36	003	✓	✓	✓	B4944	5.37	080540		Profile ②
↓	↓	↓	↓	↓	↓	↓	↓	↓	M4944	3.04	080715		
↓	↓	↓	↓	↓	↓	↓	↓	↓	T4944	0.78	081132	0815	
4945	0816	20.5827	37.5715	6.38	004	✓	✓	✓	L4945	6.19	082156		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	L4945-2	6.41	083504	0842	★
4946	0843	20.5833	37.5727	6.47	005	✓	✓	✓	L4946	6.44	084631		
↓	↓	↓	↓	↓	↓	↓	↓	↓	L4946-2	6.47	085202	0859	23-25 MPH wind
Too rough! Aborted cruise													

COMMENTS Profiles H ★ BOAT shifting around
TSS Bottom L ★ winds 15-20 ~~knots~~ MPH downriver!
Against the current!

HAD LISST!
 just more!

