

YK 020724  
Calibank - Cruise

7/24/12  
BKT ~~AB~~ Flood

of BONAS & U Elis Olson Capt Wayne Reisman  
Crew Bruce Cartwright

Stations S5026 - S5040

NOTES ADV WAS set vel range 3 + coord sys ENW  
reset to range 2 + xyz.

↑ make note of data for SAND  
stogy + Inst comparison

BKKT ~~Flow~~ Flood

Cruise YR120724

Date 7/24/12

Station	EST start time	37° latitude	-76° longitude	ADCP total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	CTD sample time	End Time	Commer
S5026	9:00	20.516	37.509	5.92	000	✓	✓	✓	B5026	5.19	90928		Profile ①
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5026	3.20	91256		↓
									T5026	0.74	91732		↓
S5027	9:34	20.5192	37.5111	6.02	001	✓	✓	✓	B5026H	5.64	93753		Bottom
↓	+	+	+	+	+	+	+	+	B5026L	5.64	93905		↓
S5028	10:00	20.5206	37.5148	6.05	002	✓	✓	✓	B5028	5.06	100430		Profile 2
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5028	2.32	100828		↓
									T5028	1.54	101345		↓
S5029	10:19	20.5219	37.5156	6.06	003	✓	✓	✓	B5029H	5.76	102200		LISST MAX
↓	+	37.520	+	+	+	+	+	+	B5029L	5.76	102349		↓
S5030	10:44	20.5229	37.5193	6.18	004	✓	✓	✓	B5030H	5.86	104700		WINDS MARKS EAST
↓	+	+	+	+	+	+	+	+	B5030L	5.87	104906		↓
S5031	11:07	20.5272	37.5250	6.28	005	✓	✓	✓	B5031	5.38	111128		Profile ③
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5031	3.83	111604		← Finally LISST data!!
									T5031	1.10	112128		↓
S5032	11:25	20.5268	37.5264	6.38	006	✓	✓	✓	B5032H	6.05	112831		LISST MAX
↓	+	+	+	+	+	+	+	+	L	6.05	112957		↓
S5033	11:48	20.5271	37.5253	6.42	007	✓	✓	✓	B5033H	6.17	115833		
↓	↓	↓	↓	↓	↓	↓	↓	↓	L	6.18	120005		

COMMENTS

~~High~~ inlet used for profile  
 Low + High inlet used for bottom samples when profile on bottom.

ADV

Reset vel range to 2 to 3  
 coord syst from ENU to xyz After profile ① waited for boat to swing  
 before 1st botto. After

Cruise YR120724

Date \_\_\_\_\_

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Commer	
85034	1202	20.5208	37.5279	6.48	008	✓	✓	✓	B5034	5.51	120633		Profile 4	
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5034	4.18	120920			
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5034	0.81	121405			
S5035	1220	20.5274	37.5245	6.54	009	✓	✓	✓	B5035H	6.19	122205		LISST	
↓	↓	↓	↓	↓	↓	↓	↓	↓	L	6.19	123438		still HARD OFF 0-3.0	
S536	1239	20.5279	37.5230	6.55	010	✓	✓	✓	<del>B5036H</del>	Tipped?			***	
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	rolled up to			clean out.	
S537	1304	20.5284	37.5206	6.63	011	✓	✓	✓	B5037	5.18	130820		Profile 5	
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5037	3.42	131200			
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5037	2.85	131636			
S538	1322	20.5279	37.5195	6.65	012	✓	✓	✓	B5038H	6.29	132456		Something See LISST DATA!	
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5038L	6.30	132640			
S539	1341	20.5275	37.5176	6.65	013	✓	✓	✓	B5039H	6.33	134526		***	
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5039L	6.33	134650			
S540	1357	20.5275	37.5185	6.65	014	✓	✓	✓	B540	5.59	135409		Profile 6	
↓	↓	↓	↓	↓	↓	↓	↓	↓	M540	3.75	135713			
↓	↓	↓	↓	↓	↓	↓	↓	↓	T540	2.37	140401			
						HAD to pick up + leave before storm hits								
						poss. be severe weather!								
									34 plus					

COMMENTS

\*\*\* problem tipped w/no picking up + tide slack, off  
 water trucked - brought up + fixed.  
 \*\*\* cut short so we could get one more profile before storm hits

**Profiler Deployment Setup**

Date 7/24/12

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

**ADV (SONTEK)**

cmab 55 cmab

- Sensor**
- B308H (V20146) *Haris*
  - B336 (V20358) & G494 (V20364)
  - B337 (V20359) & G447 (V20365)
  - B338 (V20360) & G446 (V20366)

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 38.5 cmab

- Sensor**
- U1400740* 03H1988 (V17937) *ET 1417 ← new*
  - 03K0492 (V??008)
  - 07B1391 (V20490)

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

- conductivity
- pressure
- turbidity

**LISST 100X (Sequoia)**

- Sensor**
- 1075 (V14726)
  - 1185 (V18917)
  - 1232 (V20536)
  - 1239 (V20609)
- cmab 39

- OBS**
- 1675 (V16608)
  - 1812 (V16965)
  - 11315 (V20774)
- cmab 36

Calibration date \_\_\_\_\_ zscat name ZSC120723-1239

**PUMP INTAKE**

cmab H = 37 cmab  
L = 30 cmab

**ADCP (RDI 1200 kHz)**

- Sensor**
- 602 (V )
- cmab \_\_\_\_\_

*Also NONTAK 21968 - Deployed sampling continuous 53 cmab*