

Cruise YR150824

Date 8-24-15

Station	Desc	From ADCP				ADCP Filename	From CTD				TSS Sample Name	Sample		PICS filenames <u>20150824</u>	
		Start Time (EST)	Latitude <u>37</u> deg (min)	Longitude <u>-76</u> deg (min)	Total Depth (m)		CTD	LISST	<u>Sontek</u> ADV 1	ADV 2		Depth (m)	Time (EST)		
5528	radiometer	- floating -													
			14156.8	23354	20.9										UP 0.04m
															S5528.d10
															S5528.d1
												UP	1.58m	S5528.d20	
															S5528.d2
												UP	2.59m	S5528.d30	
															S5528.d3
												UP	3.63m	S5528.d40	
															S5528.d4
												Down	0.31m	S5528.u10, S5528-u1	
													1.28m	S5528.u20, S5528-u2	
													2.16m	S5528.u30, S5528-u3	
5528	profile	849	14156.2	2334.4	20.9	X	✓	✓	✓	✓		S5528	6.17	0852	085028, 085101
												M5528	4.69	0855	085133
												T5528	2.14	859	085351, 085423, 085455
													2.14	859	085706, 085737, 85809
													2.14	859	S5528 ^{re}
													2.14	900	

Comments: for radiometer ~~10~~ -d10 or u10 = surface unit, no zero for the water unit

Radiometer pw: Xx951 rdv

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Cruise YR150824

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Station	Desc	From ADCP				ADCP Filename	CTD	From CTD				PICS filenames	
		Start Time (EST)	Latitude (min)	Longitude (min)	Total Depth (m)			TSS Sample Name	Sample Depth (m)	Sample Time (EST)			
5529	radiometer		13°48.9'	76°36.6'	22.3	XXXXXXXX							
			anchored				UP	(m) Depth	File names				
								0.61	55529_d10	55529	d1		
								1.87	55529_d20	55529	d2		
								2.86	55529_d30	55529	d3		
								3.93	55529_d40	55529	d4		
							DOWN	0.39	55529_u10	55529	u1		
								1.58	55529_u20	55529	u2		
								2.65	55529_u30	55529	u3		
5529	profile	955	13°49.0'	76°36.5'	22.2	X	✓	✓	* 55529	6.12	959	95816, 95850, 95922	
									M5529	3.51	1002	100124, 100156	up?
									T5529	2.01	1005	100353, 100425, 100457	
									KR	2.03	1006	55529, 55529L	
5530	radiometer	1039	17°45.1'	34°28.7'	20.3								
							UP	(m) Depth	File names				
								0.48	55530_d10	55530	d1		
								1.80	55530_d20	55530	d2		
								3.07	55530_d30	55530	d3		
								4.56	55530_d40	55530	d4		
							down						
								0.40	55530_u10	55530	u1		
								1.50	55530_u20	55530	u2		
								2.49	55530_u30	55530	u3		

Comments:

← Not sit on bottom

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Station	Desc	From ADCP				ADCP Filename	From CTD				TSS Sample Name	Sample		PICS filenames <u>20150824</u>
		Start Time (EST)	Latitude (deg (min))	Longitude (deg (min))	Total Depth (m)		CTD	LISST	ADV 1	ADV 2		Depth (m)	Time (EST)	
5530	profile	1106	37 deg 17' 43.6	-76 deg 34' 27.1	20.7		✓	✓	✓		B5530	6.30	1109	110716, 110751, 110828
	↓	↓	↓	↓	↓		↓	↓	↓		M5530	4.50	1112	111050, 111158*
	↓	↓	↓	↓	↓		↓	↓	↓		T5530	1.96	1116	111425, 111559, 11532
	↓	↓	↓	↓	↓		↓	↓	↓		K.R	1.99	1116	S5530L S5530
5531	radiometer		20' 30.3	37' 39.6	18		x	x	x		UP Depth File name			
	↓	↓	↓	↓	↓		↓	↓	↓		0.53	0.53	S5531-d10	S5531-d1
	↓	↓	↓	↓	↓		↓	↓	↓		1.46		S5531-d20	S5531-d2
	↓	↓	↓	↓	↓		↓	↓	↓		2.53		S5531-d30	S5531-d3
	↓	↓	↓	↓	↓		↓	↓	↓		3.59		S5531-d40	S5531-d3
	↓	↓	↓	↓	↓		↓	↓	↓		DOWN			
	↓	↓	↓	↓	↓		↓	↓	↓		0.47		S5531-u10	S5531-u1
	↓	↓	↓	↓	↓		↓	↓	↓		1.41		S5531-u20	S5531-u2
	↓	↓	↓	↓	↓		↓	↓	↓		2.44		S5531-u30	S5531-u3
5531	profile	1208	37 deg 20' 37.1	-76 deg 37' 34.7	1208		✓	✓	✓		B5531	5.41	1211	120921, 120952, 121025
	↓	↓	↓	↓	↓		↓	↓	↓		M5531	3.48	1214	121242, 121313
	↓	↓	↓	↓	↓		↓	↓	↓		T5531	1.75	1216	121503, 121536, 121606
	↓	↓	↓	↓	↓		↓	↓	↓		K.R	1.74	1217	S5531, S5531L

Comments:

* had to open & re-open in between
 set on bottom for both

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Date 8/24/15

Station	Desc	From ADCP				ADCP Filename <u>X</u>	From CTD				TSS Sample Name	Sample		PICS filenames <u>20150824</u>
		Start Time (EST)	Latitude <u>37 deg</u> (min)	Longitude <u>-76 deg</u> (min)	Total Depth (m)		CTD	LIST	ADV 1	ADV 2		Depth (m)	Time (EST)	
5532	radiometer	1245	24'36.2	41'01.7"	24.6ft									
								UP	Depth	File names				
									0.90	55532_d10	55532	d1		
									1.90	55532_d20	55532	d2		
									2.80	55532_d30	55532	d3		
									3.71	55532_d40	55532	d4		
										55532_d50	55532	d5		
										55532_d60	55532	d6		
								Down	0.44	55532_u10	55532	u1		
									1.26	55532_u20	55532	u2		
									2.20	55532_u30	55532	u3		
5532	profile		24'33.1	41'03.1"	20.6	1317	✓	✓	✓	✓	55532	6.24	1321	131936, 132008,
										M5532	2.95	1324	132039, 132340	
										T5532	1.89	1327	132514, 132545, 132616	
										KR	1.89	1327	55532L 55532	

Comments:

radiometer pressure sensor reads 0.90 @ depth of 1 meter
 * my YR4 is old Jun13 YR6, * YR6 is old YR8

Cruise YR150842

Date 8/24/15

Station	Desc	From ADCP				ADCP Filename	CTD	LISST	ADV 1	ADV 2	From CTD			PICS filenames
		Start Time (EST)	Latitude (min)	Longitude (min)	Total Depth (m)						TSS Sample Name	Sample Depth (m)	Sample Time (EST)	
5533	radiometer	232	32°21.5	49°42.4	24.9 ft				UP	Depth	Filename			
										0.39m	S5533_d10	S5533_d1		
										1.12	S5533_d20	S5533_d2		
										1.75	S5533_d30	S5533_d3		
										2.40	S5533_d40	S5533_d4		
										2.76	S5533_d50	S5533_d5		
								Down		0.42	S5533_u10	S5533_u1		
										1.14	S5533_u20	S5533_u2		
										1.56	S5533_u30	S5533_u3		
5533	profile	1458	32°37.3	49°52.9	17.4						* B5533	4.83	1502	150017, 150049, 150025
											M5533	3.38	1504	150305, 150337
											T5533	1.72	1506	150503, 150535,
											KR	1.73	1507	S5533, S5533L, 150606

Comments:

* 2/mab, cont sit on bottom