

Consec. Cast # 001		Vessel MILLER FREEMAN		Proj. & Leg MF9407 LEG III		Event # 1007		Vessel Sta. I.D.		Instructions AMUKTA PASS LINE										Sta. Designation									
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 255 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb	S.S.	Vls.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.						
001	5	22	29	3	N	172	09	6	3	W	12	S	E	P	9	4	20	04	08	7	08	2	16	37	240	10	855	372	
CTD Type & SN SBE 91220 - A				Monitor Checks				Times JD/Time				Data Location																	
Press. SN _____				on Deck				Data on _____				Tape/Diskette I.D.																	
Temp. SN 701				at Surface				at Surface _____				File Name/Header																	
Cond. SN 303				Press. _____				Start Down _____				CAST 001-12SEP1950																	
				Temp. _____				at Bottom _____																					
				Cond. _____				Start Up _____				Remarks MF9407 LEG III CAST 88																	
				Other _____				at Surface _____				<i>red error light on deck unit several times during cast.</i>																	
				Data off _____																									

Pos.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Pos.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	1	A				286.526	4.060	31.609	33.664								27		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

 Initials WF
 ✓ PW
lost frames 57

Consec. Cast # 002		Vessel MILLER FREEMAN		Proj. & Leg MF9407 LEG III		Event # 1010		Vessel Sta. I.D.		Instructions AMUKTA PASS LINE										Sta. Designation																				
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 255 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb 1015.3	SS	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.																	
002	5	2	23	14	N	17	15	7	20	W	12	S	E	P	9	4	2	1	22	8	5	8	2	1	5	2	1	2	3	5	1	1	9	-	4	3	1	4		
CTD Type & SN SBE 91220 - A				Monitor Checks										Times JD/Time				Data Location																						
Press. SN _____				on Deck					at Surface					Data on _____				Tape/Diskette I.D.					File Name/Header																	
Temp. SN 701				Press. _____					_____					at Surface _____				_____					CAST 002 - 12 SEP 2110																	
Cond. SN 303				Temp. _____					_____					at Bottom _____				_____					_____																	
_____				Cond. _____					_____					Start Up _____				Remarks MF9407 LEG III CAST 89 / PMEL 2																						
_____				Other _____					_____					Data off _____				w/0322																						
Pos	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Pos																					
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.																								
1	1					242.624	4.042	31.592	33.684									26		1																				
2																				2																				
3																				3																				
4																				4																				
5																				5																				
6																				6																				
7																				7																				
8																				8																				
9																				9																				
10																				10																				
11																				11																				
12																				12																				

Lost frames
280

Initials WF
✓

Consec. Cast # <i>Cast-003</i>		Vessel MILLER FREEMAN		Proj. & Leg MF9407 LEG III		Event # 1014		Vessel Sta. I.D.		Instructions <i>AMUKTA Pass Line</i>				Sta. Designation																				
Consec. Cast #	Latitude Deg. Min. N or S		Longitude Deg. E or W		Date JD = Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb 1015.0	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud Type	Weath.	Bottom Depth, m	Sta. Name or I.D.														
003	52	23	90	N	171	44	05	W	12	SE	P	94	22	38	9	5	9	2	1	5	2	1	2	3	5	1	4	9	-	4	3	20		
CTD Type & SN <i>SBE 91220 - A</i>				Monitor Checks				Times JD/Time				Data Location																						
Press. SN _____				on Deck at Surface				Data on _____				Tape/Diskette I.D.				File Name/Header																		
Temp. SN <i>701</i>				Press. _____				at Surface _____				_____				CAST-003 12 Sept																		
Cond. SN <i>303</i>				Temp. _____				Start Down _____				_____				_____																		
_____				Cond. _____				Start Up _____				Remarks CTD 90/PM EL #3				_____																		
_____				Other _____				Data off _____				w/o J89				Terrible Aft. win angle																		

Pos.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Pos.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	A					215.015	4.577	31.778	33.374								17		1
2																		2	
3																		3	
4																		4	
5																		5	
6																		6	
7																		7	
8																		8	
9																		9	
10																		10	
11																		11	
12																		12	

change wires and cleaned terminations
to try to get rid of error lights

Hydros' Sea Cat on, bottle
for file comparison

Initials WPF
✓

*lost frames
~ 35*

Consec. Cast # 004		Vessel MILLER FREEMAN		Proj. & Leg MF9407 LEG III		Event # 1017		Vessel Sta. I.D.		Instructions AMUKTA Pass line										Sta. Designation																					
Consec. Cast #	Latitude			N or S	Longitude			E or W	Date JD =			Time GMT		Dry Bulb	Wet Bulb	Bar. mb	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.																
	Deg.	Min.	S		Deg.		Day		Mo.	Yr.	Hr.	Min.																													
004	5	22	5	86	N	17	13	16	4	W	13	S	E	P	9	4	00	04	9	8	9	5	1	4	3	1	2	4	0	1	8	9	-	4	4	9	9				
CTD Type & SN SBE 91220 - A					Monitor Checks										Times JD/Time					Data Location																					
Press. SN					on Deck					at Surface					Data on					Tape/Diskette I.D.					File Name/Header																
Temp. SN 701					Press.										at Surface										CAST 004-12 Sep 23 47																
Cond. SN 303					Temp.										Start Down																										
					Cond.										at Bottom																										
					Other										Start Up																										
															at Surface																										
															Data off										Remarks +0.91 / pmet 4																
																									w/o = 513																
Pos.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Pos.																						
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.																									
1	A	✓				393.811	3.970	31.776	33.898								03		1																						
2																			2																						
3																			3																						
4																			4																						
5																			5																						
6																			6																						
7																			7																						
8																			8																						
9																			9																						
10																			10																						
11																			11																						
12																			12																						

Initials 12K
✓