

Consec. Cast # 001		Vessel MILLER FREEMAN		Proj. & Leg FOCI 88-1		Event # 122		Vessel Sta. I.D.		Instructions										Sta. Designation FOX 55												
Consec. Cast #		Latitude N or S Deg. Min.		Longitude E or W Deg.		Date JD = 095 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
001		57 28 48 N		154 42 21 W		04 APR 88			16 44		00 8		00 0		92		38		010		126		81				64		FOX 55			

changed 0-2m  
for 31.774  
to 31.9049.

CTD Type & SN <u>Seabird 912208</u>		Monitor Checks				Times JD/Time				Data Location			
Press. SN <u>26072</u>		on Deck at Surface				Data on <u>295/1525 1531</u>				Tape/Diskette I.D. File Name/Header			
Temp. SN <u>710</u>		-0.014 1.830				at Surface <u>1526 1532 1644</u>				APR 88			
Cond. SN <u>304</u>		-2.254 4.619				Start Down <u>1533 1644</u>				APR 88			
		Temp. <u>5658.250</u> <u>6629.426</u>				at Bottom <u>1646</u>							
		Cond. <u>3077.641</u> <u>8753.832</u>				Start Up <u>1647</u>				Remarks SCREEN FROZE; SYSTEM CRASHED @ 17M			
		Other <u>0.000</u> <u>31.799</u>				at Surface <u>1647</u>				SCREEN FROZE SECOND TIME; ABORTED CAST			
						Data off <u>1646</u>							

1st ATTEMPT  
2nd ATTEMPT

Stn. No.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal.	Other	Pos.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Samp.	
1	252	—			1647	34634.348	6713.648	8858.770		55.876	5.167		32.205	—	—	32.207	14,15		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

+0.002  
seabird /  
autosal  
mean 0.000  
# of casts: 6  
std dev 0.004  
[7 samples;  
1 discarded]

Initials DD/CD  
✓

Consec. Cast # 002		Vessel MILLER FREEMAN		Proj. & Leg FOCI-88-1		Event # 123		Vessel Sta. I.D.		Instructions										Sta. Designation FOX56												
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 095 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
002		573083N		1544722W		04 APR 88			1713		010000		093		38		04		507		681		216		FOX56							
CTD Type & SN Seabird 912208		Monitor Checks								Times JD/Time				Data Location 216																		
Press. SN 26072		on Deck at Surface								Data on				Tape/Diskette I.D. File Name/Header																		
Temp. SN 710		-0.022 34471.402. 2.223 34478.488.								at Surface 1712				APR 88 04APR1709																		
Cond. SN 304		-1.875 5746.848. 4.441 6608.617.								Start Down 1713																						
		Cond. 3102.824. 8709.855.								at Bottom 1720																						
		Other 0.065 31.740								Start Up 1721																						
										at Surface																						
										Data off 1720																						
Remarks																																

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	252	-		1720	1721	35077.39	1.6770.238	8969.105.		208.126.	5.553.		32.769.	-	-	32.771	16.17		1
2																		2	
3																		3	
4																		4	
5																		5	
6																		6	
7																		7	
8																		8	
9																		9	
10																		10	
11																		11	
12																		12	

changed 0-3m  
for 31.846  
to 31.8937.

+0.002

Initials CO

✓

Consec. Cast # 03		Vessel MILLER FREEMAN		Proj. & Leg FOCI 88-I		Event # 124		Vessel Sta. I.D.		Instructions		Sta. Designation FOX 57													
Consec. Cast #	Latitude N or S Deg. Min.		Longitude E or W Deg.		Date JD = 95 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud Type	Weath.	Bottom Depth, m	Sta. Name or I.D.					
03	57	32	89	N	154	52	39	W	04	APR	88	17	51	02	00	00	1	93	48	34	71	76	87	232	FOX 57

changed 0-2m  
for 31.608  
to 31.842

CTD Type & SN SBE 91220-B		Monitor Checks				Times JD/Time				Data Location			
Press. SN		on Deck		at Surface		Data on 95/1748		Tape/Diskette I.D.		File Name/Header			
Temp. SN		(-0.047) 34472.039		34476.078 (1.249)		at Surface 1750		APR 88		04 APR 1745			
Cond. SN		(-1.516) 5788.676		6619.746 (4.512)		Start Down 1750							
		Cond. 3076.191		8715.758		at Bottom 1758							
		Other (0.000)		(31.6116)		Start Up 1759							
						at Surface							
						Data off 1758							
Remarks													

Stn. No.	Bot. Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn. No.
			Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	252	-	225	1759	35120.355	6773.695	8987.324		223.246	5.577		32.907	—	—	32.905	18, 19		1
2																		2
3																		3
4																		4
5																		5
6																		6
7																		7
8																		8
9																		9
10																		10
11																		11
12																		12

- .002

Initials JMD



Consec. Cast # 04		Vessel MILLER FREEMAN		Proj. & Leg FOCI-88-1		Event # 125		Vessel Sta. I.D.		Instructions										Sta. Designation FOX 58					
Consec. Cast #	Latitude		N or S	Longitude		E or W	Date JD = 95			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.	Deg.	Day	Mo.	Yr.	Hr.	Min.																	
04	57	36	20	N	155	00	44	W	04	APR	88	18	41	01	00	00	19	44	83	04	07	68	1	239	FOX 58
CTD Type & SN SBE 91220-B				Monitor Checks								Times JD/Time				Data Location									
Press. SN 26072				on Deck at Surface								Data on 95 / 1836				Tape/Diskette I.D.				File Name/Header					
Temp. SN 710				(-0.043) Press. 34471.488. 34476.848 (1.840)								at Surface 1840				APR 88				04 APR 1833					
Cond. SN 304				(-0.948) Temp. 5854.262. 6630.395 (4.593)								Start Down 1840													
				Cond. 3084.219. 8762.340.								at Bottom 1848													
				Other (0.020) (31.904)								Start Up 1849													
												at Surface													
												Data off 1848													
																Remarks									

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	252	-			1849	35139.535	6775.918	8994.152		230.427	5.592		32.952	—	—	32.954	20,21		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

changed 0-2m for 31.749 to 31.882

+0.002

Initials DMD  
✓

changed 0.2 m  
from 31.652  
to 31.731%.

+ .002

Initials DD



Consec. Cast # 06		Vessel MILLER FREEMAN		Proj. & Leg FOCI-88-1		Event # 127		Vessel Sta. I.D.		Instructions										Sta. Designation FOX 60												
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 95 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
06		57 40 87 N		155 10 12 W		04 APR 88			19 58		- 1 2		- 2 0		9 4		4 8		3 05		1 8		8 8		2 2		2 9 1		FOX 60			
CTD Type & SN <u>SBE 91220-B</u>				Monitor Checks				Times JD/Time				Data Location																				
Press. SN <u>26072</u>				on Deck <u>(-0.038)</u> at Surface <u>(2.443)</u>				Data on <u>95/1955</u>				Tape/Diskette I.D. <u>APR88</u> File Name/Header <u>04 APR 1952</u>																				
Temp. SN <u>710</u>				Press. <u>34471.688</u> <u>(-1.252)</u> at Surface <u>34478.559</u> <u>(3.503)</u>				at Surface <u>1957</u>																								
Cond. SN <u>304</u>				Temp. <u>5842.430</u> at Bottom <u>6474.418</u>				Start Down <u>1958</u>																								
				Cond. <u>3077.758</u> at Surface <u>2008</u>				Start Up <u>2009</u>																								
				Other <u>(0.000)</u> <u>(31.423)</u>				at Surface <u>2009</u>																								
				Data off <u>2009</u>																												
Pos.		T Rack		Trip Depth		Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data				Sal. Bot. #		Other Samp.		Pos.								
Bot.						Depth Trip		Press. Temp. Cond. Other		Press. Temp. Cond. Sal.		Therm-P Avg Tw Sal.																				
1		252 -				2008 2009		35286.758 6778.336 9009.336		281.724 5.609		33.050		— —		32.988 32.961		24.25				1										
2																						2										
3																						3										
4																						4										
5																						5										
6																						6										
7																						7										
8																						8										
9																						9										
10																						10										
11																						11										
12																						12										

changed 4-5 m  
for 31.141  
31.117  
to 31.353

NG

Initials DMD

Consec. Cast # <b>07</b>		Vessel <b>MILLER FREEMAN</b>		Proj. & Leg <b>FOG1-88-1</b>		Event # <b>128</b>		Vessel Sta. I.D.		Instructions										Sta. Designation <b>FOX61</b>															
Consec. Cast #	Latitude N or S Deg. Min.		Longitude E or W Deg.		Date JD = 95 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weather	Bottom Depth, m	Sta. Name or I.D.														
07	57	42	65	N	155	15	21	W	04	APR	88	20	48	-	1	0	-	2	0	9	4	4	8	3	4	5	1	6	6	7	1	3	0	1	FOX61
CTD Type & SN <b>SBE 91220-B</b>		Monitor Checks										Times JD/Time				Data Location																			
Press. SN <b>26072</b>		(0.000) on Deck					at Surface					Data on <b>95/2044</b>				Tape/Diskette I.D.				File Name/Header															
Temp. SN <b>710</b>		Press. <b>34471.555</b>					34474.922					at Surface <b>2047</b>				<b>APR88</b>				<b>04 APR 2043</b>															
Cond. SN <b>304</b>		Temp. <b>5697.039</b>					6461.547					Start Down <b>2048</b>																							
		Cond. <b>3073.434</b>					8581.012					at Bottom <b>2057</b>																							
		Other <b>(0.000)</b>					<b>(31.341)</b>					Start Up <b>2058</b>																							
												at Surface																							
												Data off <b>2057</b>																							
																Remarks																			

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	252	-	292		2058	35316.117	6765.63	8973.289		292.186	5.522		32.798	-	-	32.791	26.27		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

changed 0-2m  
from 31.231  
to 31.340

-0.007

Initials **DMD**

✓