

Consec. Cast # 001			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 141			Vessel Sta. I.D.			Instructions										Sta. Designation						
Consec. Cast #		Latitude Deg. Min. N or S			Longitude Deg. E or W			Date JD = 142 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 1025.1		S.S.	Vis.	Wind Dir.		Wind Sp.		Cloud	Type	Weath.	Bottom Depth, m		Sta. Name or I.D.	
001		553861 N			1562996 W			21 MAY 92			025812		5107		2538		VAR		02060								2466042 K				
CTD Type & SN 91220-A SEABIRD			Monitor Checks										Times JD/Time				Data Location														
Press. SN 25084			on Deck					at Surface					Data on _____				Tape/Diskette I.D.					File Name/Header									
Temp. SN 701			Press. _____					Temp. _____					at Surface _____				_____					Cast 001 - 21 May 92 46									
Cond. SN 303			Temp. _____					Cond. _____					Start Down _____				_____					_____									
			Cond. _____					Start Up _____					at Surface _____				Remarks					5 min Fluor. soak.									
			Other _____					Data off _____									mz/CHL Seacat on cast 242 w/o														

Bot. Rack	Trip	Time @	Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Bot. #	
			Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.				
1	38	220	0305					219.840	5.383	32.310	33.180		5.38	33.1799	23	SAL	1
2	29	60						60.305	3.586	29.523	31.784					MZ/CHL	2
3	06	50						50.259	3.598	29.508	31.758					MZ/CHL	3
4	02	40						40.176	4.023	29.871	31.780	Note: Bottle Leaked				MZ/CHL	4
5	20	30						30.078	4.148	29.954	31.762					MZ/CHL	5
6	27	20						20.138	4.343	30.082	31.729					MZ/CHL	6
7	26	10						9.997	4.676	30.355	31.730					MZ/CHL	7
8	Pinger	/															8
9																	9
10																	10
11																	11
12																	12

Initials mc/ORS

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Consec. Cast # 002		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 145		Vessel Sta. I.D.		Instructions										Sta. Designation										
Consec. Cast #		Latitude N or S Deg. Min.		Longitude E or W Deg.		Date JD = 142 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 1024.2		S.S. Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
002		55 57 74 N		156 38 61 W		21 MAY 92			05 25		08 5		07 2		25		07		000		000		0-1		192		G043A			
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. 10m 0514 Temp. _____ Cond. 0527 Other 0532				Times JD/Time Data on 0519 at Surface 0519 Start Down _____ at Bottom _____ Start Up _____ at Surface 0541 Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header Cast 002 - 21 MAY 05 14 Remarks CHLOROPHYLLS 187 46																		
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	38	Thru		167	0532					167.586	4.981	31.367	32.522		5.07	32.5179	21	JAL	1											
2	Space																		2											
3	29		60							60.606	5.017	30.991	32.109					CHL	3											
4	06		50							50.355	4.936	30.891	32.078					CHL	4											
5	02		40							46.050	4.895	30.820	32.041					CHL	5											
6	20		30							30.282	4.786	30.702	32.014					CHL	6											
7	27		20							20.153	4.640	30.513	31.943					CHL	7											
8	26		10							9.981	4.753	30.585	31.921					CHL	8											
9	01																		9											
10																			10											
11																			11											
12																			12											

Initials **JRS**✓ **MC**

Consec. Cast # 003			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 146			Vessel Sta. I.D.			Instructions										Sta. Designation							
Consec. Cast #		Latitude Deg. Min. S			Longitude Deg. E or W			Date JD = 142 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 1024.6		S.S.	Vis.	Wind Dir.		Wind Sp.		Cloud	Type	Weath.	Bottom Depth, m		Sta. Name or I.D.		
003		5557 22 N			15631 38 W			21 MAY 92			0632		1010		083		25		07	-	-		-		0	-	0	1976044		A		
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on 0620 at Surface 0625 Start Down 0626 at Bottom 0632 Start Up 0632 at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header Cast003_21May0617 Remarks MZ + CHL 194^m w/o.																
Stn. #	Bot.	T Rack	Trip Depth	Time @ Depth Trip		Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.			Sal. Bot. #	Other Samp.	Pos													
1	22		104							101.213	4.979	31.227	32.396			32.2924	26		1													
2	29		60							60.680	5.267	31.327	32.253					MZ/CHL	2													
3	06		50							50.615	5.464	31.474	32.235					MZ/CHL	3													
4	02		40							40.340	5.164	31.600	32.213					MZ/CHL	4													
5	20		30							30.364	5.499	31.429	32.160					MZ/CHL	5													
6	27		20							20.431	5.576	31.495	32.154					MZ/CHL	6													
7	26		10							10.177	5.907	31.732	32.123					MZ/CHL	7													
8	ping																		8													
9																			9													
10																			10													
11																			11													
12																			12													

Initials DRS
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Consec. Cast #		Vessel		Proj. & Leg		Event #		Vessel Sta. I.D.		Instructions										Sta. Designation										
Consec. Cast #		Latitude		Longitude		Date		Time		Dry Bulb		Wet Bulb		Bar. mb		S.S.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.		
Deg.	Min.	Deg.	Min.	Day	Mo.	Yr.	Hr.	Min.																						
004		55	56	15	62	23	21	M	AY	9	2	07	24	07	8	06	9	25	07	-	-	-	-	0	-	0	20	46	04	5A
CTD		Type & SN		Monitor Checks		Times		Data Location																						
91220-A SEABIRD		Press. SN 25084		on Deck		at Surface		Data on		Tape/Diskette I.D.		File Name/Header																		
Temp. SN 701		Cond. SN 303		Press.		Temp.		at Surface				CAST004-21 May 0712																		
				Cond.		Start Down		at Bottom																						
				Other		Start Up		at Surface																						
						Data off																								
Pos.		T		Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal.		Other		Log									
Bot.	Rack	Trip	Depth	Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Samp.	Log											
1	25		201							201.582	5.468	32.487	33.307			33.3066	01		1											
2	20		201							201.541	5.468	32.487	33.306				328	Nuts	2											
3	22		150							150.027	5.498	32.308	33.100				327		3											
4	29		100							100.300	5.116	31.470	32.542				326		4											
5	06		75							75.146	5.303	31.456	32.357				325		5											
6	02		50							50.700	5.287	31.342	32.256				324		6											
7	20		30							30.129	5.228	31.202	32.162				323		7											
8	27		20							20.435	5.490	31.372	32.110				322		8											
9	26		10							10.357	5.893	31.746	32.152				321	✓	9											
10																			10											
11																			11											
12																			12											

Initials DES
MC

Consec. Cast # 005			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 148			Vessel Sta. I.D.			Instructions										Sta. Designation															
Consec. Cast #		Latitude Deg. Min. S			N or S		Longitude Deg. W			E or W		Date JD = 142 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.	
005		55 56 55			N		156 26 60			W		21 MAY 92			08 15		8 0 7 0				2 5 0 7				6 6 0 - 0								206 G 04 5 B							
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303						Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____						Times JD/Time Data on 0806 at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____						Data Location Tape/Diskette I.D. _____ File Name/Header CAST005-21MAY0807 Remarks w/060																						

St. No.	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	38	B	60	8:15	8:20					60.608	5.327	31.426	32.301		5.32	32.3154	08		1
2	20		50							60.624	5.325	31.418	32.300					chl	2
3	22		40							50.380	5.306	31.360	32.257					chl	3
4	29		30							40.435	5.163	31.189	32.206					chl	4
5	06		20							30.514	5.220	31.200	32.167					chl	5
6	02		10							20.232	5.347	31.231	32.086					chl	6
7										10.434	5.551	31.370	32.054						7
8																			8
9																			9
10																			10
11																			11
12																			12

Pg. _____ of _____

Initials DJ
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Consec. Cast # 006			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 149			Vessel Sta. I.D.			Instructions										Sta. Designation						
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 142 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.	
006		55 56 28 N			156 21 39 W			21 MAY 92			09 20		07 5		06 4		25		07	020	080		-	00	023		45046A				
CTD Type & SN 91220-A SEABIRD			Monitor Checks										Times JD/Time				Data Location														
Press. SN 25084			on Deck					at Surface					Data on _____				Tape/Diskette I.D.					File Name/Header									
Temp. SN 701			Press. _____					_____					at Surface _____				_____					cast 006-21 May 89 08									
Cond. SN 303			Temp. _____					_____					at Bottom _____				_____					_____									
_____			Cond. _____					_____					Start Up _____				Remarks					FOX 155 w/o 226									
_____			Other _____					_____					at Surface _____				_____					_____									
_____			_____					_____					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	20		200		0921					198.931	5.467	32.545	33.375					329	1												
2	27		150		0922					150.128	5.460	32.292	33.118					330	2												
3	29		106		0924					100.850	5.102	31.377	32.449					331	3												
4	6		75		0925					75.960	4.942	31.132	32.336					332	4												
5	2		50		0926					51.122	5.102	31.134	32.196					333	5												
6	20		30		0927					30.350	5.193	31.095	32.074					334	6												
7	27		20		0928					20.376	5.297	31.107	31.993					335	7												
8	26		10		0928					10.194	5.534	31.286	31.979					336	8												
9																			9												
10																			10												
11																			11												
12																			12												

 Initials DK
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Consec. Cast # <u>007</u>		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 150		Vessel Sta. I.D.		Instructions										Sta. Designation									
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = <u>142</u> 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.	
007		55° 56' 22" N		156° 20' 09" W		21 MAY 92		0952		073		063		25		070		20		70		-0				2316		046B	
CTD Type & SN <u>91220-A SEABIRD</u> Press. SN <u>25084</u> Temp. SN <u>701</u> Cond. SN <u>303</u>				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header <u>Cast 007 - 21 May 1992</u> Remarks <u>FOX ISS w/ 59m</u>																	
St. #	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	St. #										
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.													
1	20		60	0953						60.328	5.126	31.167	32.206			32.2143	15		1										
2	22		60	0953						60.3	5.127	31.167	32.205					m2/CHLOR	2										
3	29		50	0953						50.132	5.173	31.174	32.174					m2/CHLOR	3										
4	6		40	0954						40.243	5.189	31.160	32.147					m2/CHLOR	4										
5	2		30	0955						30.215	5.200	31.094	32.066					m2/CHLOR	5										
6	20		20	0955						20.112	5.582	31.398	32.050					m2/CHLOR	6										
7	27		10	0956						11.004	6.163	31.912	32.081					m2/CHLOR	7										
8	26																		8										
9																			9										
10																			10										
11																			11										
12																			12										

 Initials DK
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Consec. Cast #		Vessel		Proj. & Leg		Event #		Vessel Sta. I.D.		Instructions										Sta. Designation														
Consec. Cast #		Latitude N or S			Longitude E or W			Date JD = 142			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.	
008		MILLER FREEMAN		MF-92-06 FOCI		151				1024.6																								
008		555591 N			1561492 W			21 MAY 92			10430		73		066		25		07		010		90		-0		220		G047A					
CTD Type & SN 91220-A SEABIRD		Monitor Checks										Times JD/Time										Data Location												
Press. SN 25084		on Deck at Surface										Data on										Tape/Diskette I.D. File Name/Header												
Temp. SN 701		Press. _____										at Surface _____										_____												
Cond. SN 303		Temp. _____										Start Down _____										_____												
		Cond. _____										at Bottom _____										_____												
		Other _____										Start Up _____										_____												
												at Surface _____										Remarks												
												Data off _____										w/o 217m												

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	38		200	1043	1048					200.310	5.426	32.586	33.461		5.44	33.4628	#25		1
2	20		200	1048						200.283	5.425	32.586	33.462					NUT	2 337
3	22		150	1051						150.478	5.116	31.653	32.727					NUT	3 338
4	29		100	1052						100.853	4.963	31.151	32.325					NUT	4 339
5	6		75	1053						74.673	5.048	31.132	32.234					NUT	5 340
6	2		50	1055						49.985	5.164	31.180	32.189					NUT/CHLOR	6 341
7	20		40	1055						39.975	5.196	31.164	32.150					CHLOR	7
8	27		30	1056						30.097	5.228	31.154	32.107					NUT/CHLOR	8 342
9	26		20	1056						19.664	5.689	31.432	31.982					NUT/CHLOR	9 343
10	28		10	1057						9.759	6.210	31.862	31.981					NUT/CHLOR	10 344
11																			11
12																			12

bottom

214.584 5.325 32.546 33.509

Initials DK
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Consec. Cast # 009			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 152		Vessel Sta. I.D.			Instructions 1024.6										Sta. Designation										
Consec. Cast #		Latitude N or S			Longitude E or W			Date JD = 142 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.	
009		555525 N			1561077 W			21 MAY 92			1142		74		65		25		07		0		10		90-0		198		6048A					
CTD Type & SN 91220-A SEABIRD			Press. SN 25084			Temp. SN 701			Cond. SN 303			Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____					Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____					Data Location Tape/Diskette I.D. _____ File Name/Header cast009-21 May 1992 FOX 153 Remarks w/0193												
St. No.	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	28		193										193.097	5.535	32.427	33.176			33.1836	#29		1												
2	22		60										60.757	4.890	30.897	32.124					CHLOR	2												
3	29		50										50.542	5.069	31.447	32.128					CHLOR	3												
4	6		40										39.962	5.708	31.620	32.172					CHLOR	4												
5	2		30										29.833	5.415	31.307	32.104					CHLOR	5												
6	20		20										19.815	5.238	31.1157	32.059					CHLOR	6												
7	27		10										9.716	5.424	31.245	32.033					CHLOR	7												
8	26																					8												
9	28																					9												
10	28																					10												
11																						11												
12																						12												

Initials DK
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Consec. Cast # 010			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 153			Vessel Sta. I.D.			Instructions 1024.4										Sta. Designation						
Consec. Cast #		Latitude N or S			Longitude E or W			Date JD = 142 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.	
010		55 55 31 N			156 10 68 W			21 MAY 92			12 29		09 00		08 00		24 27		01	02	100		-0			1976		0483			
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303			Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header cast010 - 21 May 1992 Remarks w/o 60m																
Stn. No.	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	20		60							61.252	4.551	30.607	32.116					42/CHL	1												
2	22		50							49.352	4.618	30.636	32.091					42/CHL	2												
3	29		40							39.362	5.487	31.426	32.163					42/CHL	3												
4	6		30							30.383	5.786	31.696	32.188					42/CHL	4												
5	2		20							20.288	5.490	31.371	32.109					42/CHL	5												
6	20		10							10.216	5.273	31.091	32.052					42/CHL	6												
7	37		10																7												
8	26																		8												
9	28																		9												
10																			10												
11																			11												
12																			12												

Not Trimed

 Initials DR
BR

Consec. Cast # 012		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 172		Vessel Sta. I.D.		Instructions										Sta. Designation 150						
Consec. Cast #	Latitude Deg. Min. N or S		Longitude Deg. E or W		Date JD = 13 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb 1025.0	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.					
012	56	24	47	N	156	56	81	W	22	M	AY	92	01	36	10	00	09	02	5	27	04	50	80	-00	0101	G062A
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on <u>0126</u> at Surface <u>0133</u> Start Down <u>0133</u> at Bottom <u>0136</u> <u>0139(6)</u> Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header <u>012-22 MAY 0130</u> _____ _____ Remarks SEE BACK For NOTE + Diagram <div style="text-align: right;">97 WIRE OUT</div>														
Stn. No.	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	38		60							60.298	4.198	29.946	31.689			31.7164	34	Therm SAC	1							
2	20		60							60.249	4.198	29.947	31.690		4.20			m2 CHL	2							
3	22		50							49.846	4.437	30.135	31.685					m2 CHL	3							
4	29		40							39.928	4.534	30.210	31.684					m2 CHL	4							
5	6		30							29.644	4.675	30.323	31.684					m2 CHL	5							
6	2		20							19.961	4.755	30.385	31.684					m2 CHL	6							
7	20		10							9.777	5.031	30.610	31.684					m2 CHL	7							
8																			8							
9																			9							
10																			10							
11																			11							
12																			12							

Initials **DLS**
 ✓ **MC**

Consec. Cast # <u>013</u>		Vessel <u>MILLER FREEMAN</u>		Proj. & Leg <u>MF-92-06 FOCI</u>		Event # <u>175</u>		Vessel Sta. I.D.		Instructions										Sta. Designation <u>149</u>												
Consec. Cast #	Latitude		N or S	Longitude		E or W	Date JD = <u>143</u>			Time GMT		Dry Bulb	Wet Bulb	Bar. mb <u>1025.0</u>	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.																						
	<u>01</u>	<u>35</u>	<u>6</u>	<u>24</u>	<u>11</u>	<u>N</u>	<u>15</u>	<u>6</u>	<u>54</u>	<u>84</u>	<u>W</u>	<u>22</u>	<u>M</u>	<u>AY</u>	<u>9</u>	<u>2</u>	<u>02</u>	<u>40</u>	<u>10</u>	<u>00</u>	<u>09</u>	<u>02</u>	<u>52</u>	<u>70</u>	<u>35</u>	<u>08</u>	<u>00</u>	<u>-0</u>	<u>11</u>	<u>96</u>	<u>06</u>	<u>3A</u>

CTD Type & SN <u>91220-A SEABIRD</u> Press. SN <u>25084</u> Temp. SN <u>701</u> Cond. SN <u>303</u>	Monitor Checks				Times		JD/Time		Data Location	
	on Deck		at Surface		Data on		<u>0231</u>		Tape/Diskette I.D.	
					at Surface		<u>0236</u>		File Name/Header	
					Start Down		<u>0236</u>		<u>CAST 013-22 MAY 0231</u>	
					at Bottom		<u>0241</u>			
					Start Up		<u>0241</u>			
				at Surface				Remarks <u>SEACAT ON ROSETTE FOR CAL</u> <u>NUTRIENTS W/O 110</u>		
				Data off						

Stn #	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn #	
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.				
1	20		100									100.416	3.547	29.465	31.732			50	NUT	1
2	22		75									75.553	3.606	29.504	31.734			49	NUT	2
3	24		50									50.574	3.936	29.748	31.715			48	NUT	3
4	6		30									30.784	4.258	29.977	31.682			47	NUT	4
5	2		20									20.732	4.306	30.010	31.680			46	NUT	5
6	20		10									10.793	4.613	30.257	31.676			45	NUT	6
7																				7
8																				8
9																				9
10																				10
11																				11
12																				12

 Initials DRS
 ✓ mc

Consec. Cast #		Vessel		Proj. & Leg		Event #		Vessel Sta. I.D.		Instructions										Sta. Designation															
Consec. Cast #		Latitude		Longitude		Date		Time		Dry Bulb		Wet Bulb		Bar. mb		S.S. Vis.		Wind Dir. Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.									
Deg. Min. S		Deg. Min. S		Day Mo. Yr.		Hr. Min.																													
014		562400 N		1565508 W		22 MAY 92		0324		100		090		252		7035080		-0		0119		6063.3													
CTD Type & SN <u>91220-A SEABIRD</u>				Monitor Checks				Times				Data Location																							
Press. SN <u>25084</u>				on Deck at Surface				Data on <u>0317</u>				Tape/Diskette I.D.				File Name/Header																			
Temp. SN <u>701</u>				Press. _____				at Surface <u>0322</u>				_____				<u>CAST 014-22 May 0318</u>																			
Cond. SN <u>303</u>				Temp. _____				Start Down <u>0322</u>				_____				_____																			
_____				Cond. _____				at Bottom <u>60m</u>				_____				_____																			
_____				Other _____				Start Up _____				Remarks				_____																			
_____				_____				at Surface _____				_____				_____																			
_____				_____				Data off _____				_____				_____																			
St. No.		T. Rack		Trip Depth		Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #		Other Samp.		St. No.												
Bot.		Depth		Depth		Trip		Press.		Temp.		Cond.		Other		Press.		Temp.		Cond.		Sal.		Therm-P		Avg Tw		Sal.							
1		20		60												59.986		3.837		29.680		31.726										M2/CHL		1	
2		22		50												49.914		4.052		29.834		31.704										M2/CHL		2	
3		29		40												41.092		4.144		29.896		31.692										M2/CHL		3	
4		6		30												29.950		4.254		29.974		31.682										M2/CHL		4	
5		2		20												19.775		4.308		30.011		31.679										M2/CHL		5	
6		20		10												9.779		4.448		30.286		31.677										M2/CHL		6	
7																																		7	
8																																		8	
9																																		9	
10																																		10	
11																																		11	
12																																		12	

Initials DRS
mc

6		Pg. 2 of 2																														
Consec. Cast # 015		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 178		Vessel Sta. I.D.		Instructions										Sta. Designation 148												
Consec. Cast # 6		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		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
015		562133 N		1565217 W		22 MAY 92			0430		088		078		25		27		060		10		0-0		0129		G064Z					
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header _____ <u>cast 015B-22MAY0421</u> Remarks <u>Program dumped so we started program without recording and continued cast. Bridge only has it logged as a single cast G064A</u>																				
St. Bot.		T Rack		Trip Depth		Time @ Depth Trip				Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.				Sal. Bot. #		Other Samp.		St. Bot.						
1		22		100										100.740 3.649 29.552 31.736								356		NOT		1						
2		29		75										74.883 3.723 29.604 31.739								355		NOT		2						
3		6		50										50.099 4.037 29.827 31.710				Bottle didn't trip				354		NOT		3						
4		2		30										29.593 4.460 30.142 31.681								353		NOT		4						
5		20		20										19.856 4.585 30.207 31.679								352		NOT		5						
6		27		10										9.868 4.723 30.350 31.679								351		NOT		6						
7																										7						
8																										8						
9																										9						
10																										10						
11																										11						
12																										12						

Initials DRS
 ✓ mc

#6 DION'T

Consec. Cast #		Vessel		Proj. & Leg		Event #		Vessel Sta. I.D.		Instructions										Sta. Designation					
Consec. Cast #		Latitude		Longitude		Date		Time		Dry Bulb		Wet Bulb		Bar. mb		Wind Dir.		Wind Sp.		Cloud Type		Bottom Depth, m		Sta. Name or I.D.	
Deg.		Min.		Deg.		Day Mo. Yr.		Hr. Min.																	
016		562143 N		1565198 W		22 MAY 92		0515		095		085		252		7055		0710		60131		60648			
CTD Type & SN 91220-A SEABIRD				Monitor Checks				Times				Data Location				Remarks #22 NUTRIENTS BOTTLE TO MAKE UP FOR ONE THAT DIDN'T TRIP LAST TIME. W/O 600m (50m)									
Press. SN 25084				on Deck at Surface				Data on 0500				Tape/Diskette I.D. File Name/Header													
Temp. SN 701				Press. _____				at Surface 0511				_____													
Cond. SN 303				Temp. _____				Start Down 0511				_____													
_____				Cond. _____				at Bottom _____				_____													
_____				Other _____				Start Up _____				_____													
_____				_____				at Surface _____				_____													
_____				_____				Data off _____				_____													

Stn	Bot. Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn
			Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	20	60							60.146	3.791	29.634	31.715					MZ CHL	1
2	22	50							49.797	4.141	29.896	31.690					NUT	2
3	29	50							50.055	4.138	29.894	31.692					MZ CHL	3
4	6	40							40.025	4.305	30.023	31.686					MZ CHL	4
5	2	30							29.775	4.460	30.143	31.682					MZ CHL	5
6	10	20							19.867	4.694	30.329	31.678					MZ CHL	6
7	27	10							9.808	5.011	30.589	31.679					MZ CHL	7
8																		8
9																		9
10																		10
11																		11
12																		12

Initials DDS
 ✓ mc

Consec. Cast # 017		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 181		Vessel Sta. I.D.		Instructions										Sta. Designation 147																																			
Consec. Cast #	Latitude			N or S	Longitude			E or W	Date JD = 143			Time GMT		Dry Bulb	Wet Bulb	Bar. mb 1024.8	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.																																											
0	1	7	5	6	1	7	0	2	N	1	5	6	4	8	5	9	W	2	2	M	A	Y	9	2	0	6	0	7	0	9	0	0	8	0	2	5	1	7	0	6	0	0	6	1	0	4	0	1	0	5	6	0	6	5	A

CTD Type & SN 91220-A SEABIRD		Monitor Checks				Times JD/Time		Data Location			
Press. SN 25084		on Deck		at Surface		Data on 0556		Tape/Diskette I.D.		File Name/Header	
Temp. SN 701		Press. _____		_____		at Surface 0604		_____		CAST 017-22 MAY 0552	
Cond. SN 303		Temp. _____		_____		Start Down 0604		_____		_____	
_____		Cond. _____		_____		at Bottom 0608 0608-80m		_____		_____	
_____		Other _____		_____		Start Up 0608 0613		Remarks MZ & CHL		W/0 98	
_____		_____		_____		at Surface _____		_____		_____	
_____		_____		_____		Data off _____		_____		_____	

Stn #	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn #	
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.				
1	38		80							78.845	3.995	29.866	31.782		4.01	31.8111	14	MZ CHL	1	
2	20		60							60.385	4.067	29.889	31.749					MZ CHL	2	
3	22		50							50.019	4.089	29.901	31.746					MZ CHL	3	
4	29		40							40.076	4.136	29.932	31.742					MZ CHL	4	
5	6		30							29.902	4.182	29.962	31.738					MZ CHL	5	
6	2		20							19.806	4.256	30.010	31.728					MZ CHL	6	
7	20		10							9.738	5.034	30.629	31.704					MZ CHL	7	
8																				8
9																				9
10																				10
11																				11
12																				12

Initials DKS
 ✓ MC

Consec. Cast # 018		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 217		Vessel Sta. I.D.		Instructions										Sta. Designation 013									
Consec. Cast #	Latitude			N or S	Longitude			E or W	Date JD = 144			Time GMT		Dry Bulb	Wet Bulb	Bar. mb 1025.8	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.																	
018	56	24	17	N	157	00	24	W	23	M	AY	9	2	01	30	14	51	05	26	48	03	50	81	00	01	51	60	79	I
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on 0120 at Surface 0125 Start Down 0125 at Bottom 0130 Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. File Name/Header _____ CASTOR 23 MAY 0122 _____ Remarks MZ + CHL <div style="text-align: right;">w/o 146</div>																	

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	20		60							61.261	4.072	29.857	31.706				MZ CHL	1	
2	22		50							50.974	4.155	29.911	31.693				MZ CHL	2	
3	29		40							40.500	4.286	30.003	31.680				MZ CHL	3	
4	6		30							30.373	4.349	30.049	31.678				MZ CHL	4	
5	2		20							20.368	4.713	30.343	31.676				MZ CHL	5	
6	20		10							10.288	5.509	31.001	31.677				MZ CHL	6	
7	21		10							10.126	5.544	31.031	31.678			31.7015	02	7	
8																		8	
9																		9	
10																		10	
11																		11	
12																		12	

Initials DRS
✓ MC

Consec. Cast # 019		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 226		Vessel Sta. I.D.		Instructions										Sta. Designation DEETER STATION				
Consec. Cast #	Latitude		N or S	Longitude		E or W	Date JD = 144			Time GMT		Dry Bulb	Wet Bulb	Bar. mb 1624.6	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.														
019	56	23	N	156	44	W	23	M	AY	92	06	17	09	00	07	22	53	70	65	04	12	01	17	00823

CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303		Monitor Checks		Times JD/Time		Data Location	
		on Deck	at Surface	Data on 0605	Tape/Diskette I.D.	File Name/Header	
		Press. _____	_____	at Surface 0610	_____		
		Temp. _____	_____	Start Down 0611	_____		
		Cond. _____	_____	at Bottom 0618 01219 60ft	_____		
		Other _____	_____	Start Up 0618	_____		
				at Surface _____	Remarks MZ + CHL		
				Data off _____	W/0 113		

Pos.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Sig.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	38		60							60.247	4.097	29.887	31.718	THE RMS	4.10	31.7312	06	MZ CHL	1
2	20		60							60.213	4.096	29.887	31.718					MZ CHL	2
3	22		50							50.999	4.154	29.926	31.713					MZ CHL	3
4	29		40							39.893	4.296	30.034	31.707					MZ CHL	4
5	6		30							29.485	4.490	30.191	31.708					MZ CHL	5
6	2		20							19.567	5.125	30.702	31.695					MZ CHL	6
7	20		10							9.466	5.639	31.125	31.694					MZ CHL	7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials mc
✓ DBS

Consec. Cast # 020		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 357		Vessel Sta. I.D.		Instructions 1013.8										Sta. Designation							
Consec. Cast #	Latitude		N or S	Longitude		E or W	Date JD = 145			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.																	
020	56	18	N	156	06	29	W	24	M	AY	92	09	09	9	5	8	0	1	4	4	8	33	Φ	100	-0	243	6090A
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header Cast 020 - 24 May 08 57 G090A Remarks THERMS @ 200'															

Stn	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	38		266	0910	0915					198.878	5.200	31.677	32.648		5.18	32.6391	# 11		1
2	20		60							60.575	4.142	29.994	31.799					MZ/CHL	2
3	22		50							50.664	4.331	30.139	31.790					MZ/CHL	3
4	20		40							40.802	4.336	30.696	31.741					MZ/CHL	4
5	6		30							30.785	4.464	30.124	31.715					MZ/CHL	5
6	2		20							20.906	4.573	30.259	31.712					MZ/CHL	6
7	20		10							9.878	6.207	31.593	31.686					MZ/CHL	7
8																			8
9																			9
10																			10
11																			11
12																			12

bottom 238.151 5.463 31.158 32.369

Initials DR
✓ Bf

Consec. Cast # 021		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 358		Vessel Sta. I.D.		Instructions 1612.7										Sta. Designation											
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 145 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.	
021		561701 N			1560452 W			24 MAY 92			1001		95		89		1348070		1	3	070		160		13	0	0	2346091A			
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header Cast 021 - 24 May 0947 _____ _____ _____ Remarks w/o 239m															
Stn. No.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	St. Pl.												
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.															
1	2		165	165						165.552	5.134	31.471	32.494			32.4950	#16		1												
2	20		60							60.613	4.010	29.865	31.775					M2/CHL	2												
3	22		50							51.460	4.090	29.903	31.746					M2/CHL	3												
4	29		40							39.877	4.998	29.962	31.717					M2/CHL	4												
5	6		30							30.288	4.363	30.677	31.697					M2/CHL	5												
6	2		20							20.161	4.532	30.209	31.694					M2/CHL	6												
7	20		10							10.408	5.117	30.684	31.687					M2/CHL	7												
8																			8												
9																			9												
10																			10												
11																			11												
12																			12												

Bottom

228.09 5.474 32.384 33.170

Initials DK
 ✓ B

Consec. Cast # 622		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 359		Vessel Sta. I.D.		Instructions 1612.0										Sta. Designation											
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 145 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.	
622		561611N			1565210W			24 MAY 92			1053		88		72		1248		0	2	012		130				2276092A				
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____				Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header Cast 22-24 May 1993 Remarks aborted first try - many lost frames w/o 222																			

Stn. #	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	5		220							220.341	5.483	32.394	33.176			33.1796	#3		1
2	20		60							61.327	3.975	29.838	31.728					MZ/CHL	2
3	22		50							51.340	4.223	30.037	31.776					MZ/CHL	3
4	29		40							40.204	4.124	29.915	31.734					MZ/CHL	4
5	6		30							29.787	4.224	29.976	31.718					MZ/CHL	5
6	2		20							20.126	4.789	30.465	31.744					MZ/CHL	6
7	20		10							10.148	6.262	31.635	31.680					MZ/CHL	7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials PK
B+

Consec. Cast # 023				Vessel MILLER FREEMAN				Proj. & Leg MF-92-06 FOCI				Event # 360		Vessel Sta. I.D.				Instructions 1014.6										Sta. Designation								
Consec. Cast #		Latitude Deg. Min. S			N or S		Longitude Deg. Min. W			E or W		Date JD = 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.	
623		561436			N		1555955			W		24 MAY 92			1235		8070				1438		06018		110				222		G093A					
CTD Type & SN 91220-A SEABIRD				Monitor Checks										Times JD/Time				Data Location																		
Press. SN 25084				on Deck at Surface										Data on _____				Tape/Diskette I.D. _____																		
Temp. SN 701				Press. _____										at Surface _____				File Name/Header G093A																		
Cond. SN 303				Temp. _____										Start Down _____				_____																		
				Cond. _____										at Bottom _____				Cast 023 - 24 May 1992																		
				Other _____										Start Up _____				Remarks _____																		
														at Surface _____				w/o 222																		
				Data off _____																																

Stn. #	Bot. Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn. #
			Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	38		100							101.016	4.291	30.332	32.034			32.0291	#24	1
2	20		60							60.217	4.176	30.076	31.862				MZ/CHL	2
3	22		50							50.262	4.171	30.043	31.833				MZ/CHL	3
4	29		40							40.788	4.162	29.938	31.782				MZ/CHL	4
5	6		30							30.496	4.224	29.990	31.735				MZ/CHL	5
6	2		20							20.583	5.317	30.958	31.804				MZ/CHL	6
7	20		10							10.579	6.094	31.561	31.755				MZ/CHL	7
8																		8
9																		9
10																		10
11																		11
12																		12

bottom 215.127 5.464 32.358 33.157

Initials DK
✓ BT

Consec. Cast # 024				Vessel MILLER FREEMAN				Proj. & Leg MF-92-06 FOCI				Event # 362		Vessel Sta. I.D.				Instructions 1013.7										Sta. Designation			
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 145 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.	
024		561328 N			1555665 W			24 MAY 92			1325		80		70		1438				65		18110				185		G094A		
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on _____ at Surface _____ Start Down _____ at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header _____ _____ _____ _____															
																Remarks THERMS @ 150m NO PINGER w/0176															

Stn	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1			150	1327	1332					150.097	5.627	31.340	32.455		5.01	32.4527	#7		1
2	20		60							60.672	5.284	31.218	32.442					M2/CHL	2
3	22		50							50.767	5.351	31.276	32.119					M2/CHL	3
4	29		40							39.819	5.422	31.340	32.128					M2/CHL	4
5	6		30							29.941	5.414	31.268	32.080					M2/CHL	5
6	2		20							19.896	5.783	31.532	32.016					M2/CHL	6
7	10		10							9.749	6.187	31.835	31.973					M2/CHL	7
8																			8
9																			9
10																			10
11																			11
12																			12

Bottom

177.028 5.271 31.812 32.743

 Initials DK
 ✓ BT

Consec. Cast # 025			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 450			Vessel Sta. I.D.			Instructions										Sta. Designation Fox 61							
Consec. Cast #		Latitude N Deg. Min. S			Longitude E Deg. W			Date JD = 147 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 999.8		S.S. Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
025		5 7 4 2 7 1 N			15 5 15 8 4 W			26 MAY 92			20 27		08 7		07 3		00 47		05 02		29 85		02 47		G 141 A							
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303					Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on <u>2011</u> at Surface <u>2011</u> Start Down <u>2016</u> at Bottom <u>2029</u> Start Up _____ at Surface _____ Data off _____						Data Location Tape/Diskette I.D. _____ File Name/Header <u>CAS025_26 MAY 2012</u> Remarks <u>NUTS</u> Depth at start <u>173</u> Depth at finish <u>294</u> <u>w/o 321</u>													
Pos		Bot. Rack		Trip Depth		Time @ Depth Trip		Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.			Sal. Bot. #		Other Samp.		Pos									
1		5		Bottom (300)								286.823 5.055 31.676 32.738									NUTS		1									
2				Skip																			2									
3		38 B		250		2029						247.400 4.900 31.408 32.609				Therm 5 4.89			364		#22		3 → 32.6085									
4		20		200								197.272 4.677 30.958 32.332							365		NUTS		4									
5		22		150								151.664 4.604 30.594 32.005							363		NUTS		5									
6		29		100								101.079 5.325 31.058 31.871							362		NUTS		6									
7		6		75								75.131 5.921 31.485 31.801							361		NUTS		7									
8		2		50								49.284 6.641 31.997 31.709							360		NUTS		8									
9		27		30								31.084 7.024 32.279 31.672							359		NUTS		9									
10		2-		20								20.313 7.119 32.350 31.667							358		NUT		10									
11		0		10								10.905 7.139 32.359 31.663							357		NUT		11									
12																							12									

Initials WTF
✓

Consec. Cast # 026			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 451		Vessel Sta. I.D.			Instructions										Sta. Designation LINE 8 FOX 61							
Consec. Cast #		Latitude Deg. Min. N or S			Longitude Deg. E or W			Date JD = 147 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 999.9		S.S.	Vis.	Wind Dir.		Wind Sp.		Cloud	Type	Weath.	Bottom Depth, m		Sta. Name or I.D.	
026		574300 N			1551563 W			26 MAY 92			2116		086		073		000		4	7	060		229		8	5	0260		G141B		
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303					Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____					Times JD/Time Data on 2109 at Surface _____ Start Down 2114 at Bottom _____ Start Up _____ at Surface 2123 Data off 2123					Data Location Tape/Diskette I.D. File Name/Header CAST026-26 MAY 2110 Remarks SEACAT ATTACHED MZ + CHL																
Stn. #	Bot.	T Rack	Trip Depth	Time @ Depth Trip		Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.			Sal. Bot. #	Other Samp.	Stn. #												
1	20		60							59.536	6.722	32.057	31.695						1												
2	22		50							49.652	6.917	32.180	31.655						2												
3	29		40							39.921	6.925	32.181	31.653						3												
4	6		30							31.384	6.939	32.184	31.647						4												
5	2		20							20.962	7.038	32.257	31.640						5												
6	27		10							10.522	7.200	32.378	31.628						6												
7																			7												
8																			8												
9																			9												
10																			10												
11																			11												
12																			12												

Initials OKS
✓ WF

Consec. Cast # 027		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event # 452		Vessel Sta. I.D.		Instructions										Sta. Designation FOX 60														
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 147 Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 999.8		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
027		574098 N			1550978 W			26 MAY 92			2203		08		7075		06		470		45		28		98		20289		6142A					
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on 214830 at Surface _____ Start Down _____ at Bottom 2202 Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header CAST 027-26 MAY 2149 _____ _____ Remarks NUTS W/o 283																		
St. Bot.		T Rack		Trip Depth		Time @ Depth Trip		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data				Sal. Bot. #		Other Samp.		St. Bot.										
Press.		Temp.		Cond.		Other		Press.		Temp.		Cond.		Sal.		Therm-P		Avg Tw		Sal.														
1		5		Bottom										281.026		5.048		31.657		32.732				376 NUTS 1										
2		20		250										249.859		4.939		31.473		32.644				375 NUTS 2										
3		22		200										199.716		4.581		30.899		32.357				374 NUTS 3										
4		29		150										149.490		4.765		30.842		32.137				373 NUTS 4										
5		16		100										100.827		4.659		30.575		31.955				372 NUTS 5										
6		2		75										95.968		5.082		30.901		31.936				371 NUTS 6										
7		27		50										50.404		5.217		30.918		31.839				370 NUTS 7										
8		2		30										30.553		6.626		31.956		31.686				369 NUTS 8										
9		1		20										20.058		6.917		32.266		31.690		#12		368 NUTS 9 → 31, 6948										
10		1		-										-		-		-		-				367 NUTS 10										
11		5		10										10.597		6.905		32.187		31.691				367 NUTS 11										
12																								12										

 Initials DRS / WK


Consec. Cast # 028			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 453		Vessel Sta. I.D.			Instructions						Sta. Designation FOX 60												
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 999.8		S.S. Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
028		574104 N			1550982 W			26 MAY 92			2238		087		075		0047		0503		0982		0289		61428							
CTD Type & SN 91220-A SEABIRD					Monitor Checks					Times JD/Time					Data Location																	
Press. SN 25084					on Deck at Surface					Data on 223031					Tape/Diskette I.D.					File Name/Header												
Temp. SN 701					Press. _____					at Surface 223400					_____					CAST028_26MAY2231												
Cond. SN 303					Temp. _____					Start Down 223527					_____					_____												
_____					Cond. _____					at Bottom _____					_____					_____												
_____					Other _____					Start Up _____					_____					_____												
_____										at Surface _____					_____					Remarks mzt ch												
_____										Data off _____					_____																	

Stn #	Bot. Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Stn #
			Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	20		60							60.284	4.984	30.745	31.858				mz CAL	1
2	22		50							50.355	5.292	30.992	31.852				mz CHL	2
3	29		40							40.565	5.576	31.148	31.745				mz CHL	3
4	6		30							30.983	6.469	31.824	31.687				mz CAL	4
5	2		20							19.828	6.944	32.224	31.691				mz CHL	5
6	27		16							10.864	6.942	32.219	31.691				mz CHL	6
7																		7
8																		8
9																		9
10																		10
11																		11
12																		12

Initials OKS/WF



Consec. Cast # 029			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 454		Vessel Sta. I.D.			Instructions							Sta. Designation FOX 48													
Consec. Cast #		Latitude Deg. Min. S			Longitude Deg. Min. W			Date JD = Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb		Wet Bulb		Bar. mb 1000.0		S.S.		Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
029		573575 N			1550045 W			26 MAY 92			2357		085		070		000		47		040		309		82		0233		6143A					
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303					Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____					Times JD/Time Data on 234215 at Surface _____ Start Down _____ at Bottom _____ Start Up 2357 at Surface _____ Data off _____					Data Location Tape/Diskette I.D. _____ File Name/Header CAST029-26MAY2345 Remarks NOTS																			
Pos. Lat.		Bot. Rack		Trip Depth		Time @ Depth Trip		Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.			Sal. Bot. #		Other Samp.		Pos. Long.											
1		5		Bottom								219.388 4.805 31.268 32.555							1153		NOTS		1											
2		—		—								— — — —							—		—		2											
3		38		200								205.574 4.733 31.153 32.500				Therm 4.71 #013			384		NOTS		3											
4		20		150								151.335 4.717 30.911 32.185							383		NOTS		4											
5		22		100								100.372 5.306 31.189 32.050							382		NOTS		5											
6		29		75								175.021 5.006 30.824 31.921							381		NOTS		6											
7		6		50								50.981 5.123 30.800 31.794							380		NOTS		7											
8		2		30								30.196 6.162 31.588 31.712							379		NOTS		8											
9		27		20								19.986 6.163 31.585 31.712							378		NOTS		9											
10		2		10								11.1777 6.164 31.580 31.711							377		NOT		10											
11		1																					11											
12																							12											

Initials DRS
✓ MC

Consec. Cast # 030			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # 455		Vessel Sta. I.D.			Instructions 1000.D							Sta. Designation Fox 58													
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 148. 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.	
030		573602 N			1550028 W			27 MAY 92			0042		20.85		07.0		66.4		7.0		4.0		3.0		9.8		20.2		34.6		143B			
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303					Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____							Times JD/Time Data on 0041 at Surface 0046 Start Down 0046 at Bottom (m) Start Up _____ at Surface _____ Data off _____					Data Location Tape/Diskette I.D. File Name/Header _____ CAST 030-27 MAY 0042 _____																	
																	Remarks MZ CHL																	

Pos.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	V. #
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1			60							60.331	5.070	30.786	31.824				MZ CHL	1	
2			50							50.235	5.120	30.835	31.769				MZ CHL	2	
3			40							40.987	6.088	31.523	31.704				MZ CHL	3	
4			30							30.827	6.185	31.602	31.705				MZ CHL	4	
5			20							19.932	6.188	31.599	31.705				MZ CHL	5	
6			10							9.822	6.188	31.594	31.704				MZ CHL	6	
7																		7	
8																		8	
9																		9	
10																		10	
11																		11	
12																		12	

Initials DRS
MC

Consec. Cast # 031		Vessel MILLER FREEMAN		Proj. & Leg MF-92-06 FOCI		Event# 457		Vessel Sta. I.D.		Instructions										Sta. Designation FOX 56														
Consec. Cast #		Latitude N or S			Longitude E or W			Date JD = 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.	
031		573090 N			1544723 W			27 MAY 92			0218		070		070		999.8		57		030		269820		2116		144A							
CTD Type & SN 91220-A SEABIRD Press. SN 25084 Temp. SN 701 Cond. SN 303				Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____								Times JD/Time Data on 0205 at Surface 0210 Start Down 0211 at Bottom 0217 Start Up 0219 at Surface 0230 Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header CAST 031-27MAY0207 Remarks NUTS W/O 209																		
Pos.		Bot. Rack		Trip Depth		Time @ Depth Trip		Monitor Values Press. Temp. Cond. Other				Conv. Mon. Values-CTD Press. Temp. Cond. Sal.				Sample Bot. Data Therm-P Avg Tw Sal.			Sal. Bot. #		Other Samp.		Pos.											
1		7		Bottom		(203)						203.316 4.695 31.094 32.469				02			1162		NUTS		32.4702											
2		20		200								201.324 4.688 31.082 32.464							1161		NUTS		2											
3		22		150								150.094 4.515 30.766 32.293							1160		NUTS		3											
4		29		100								100.791 4.771 30.813 32.122							1159		NUTS		4											
5		06		75								75.420 4.649 30.599 32.005							1158		NUTS		5											
6		02		50								50.351 5.172 31.016 31.995							1157		NUTS		6											
7		29		30								30.035 5.326 31.092 31.943							1156		NUTS		7											
8		02		20								20.571 5.327 31.088 31.943							1155		NUTS		8											
9		1		10								10.569 5.339 31.092 31.941							1154		NUTS		9											
10																							10											
11																							11											
12																							12											

Initials DRS
✓ MC

Consec. Cast # <u>032</u>			Vessel MILLER FREEMAN			Proj. & Leg MF-92-06 FOCI			Event # <u>458</u>		Vessel Sta. I.D.			Instructions										Sta. Designation FOX 56								
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 <u>999.8</u>		S.S. Vis.		Wind Dir.		Wind Sp.		Cloud Type		Weath.		Bottom Depth, m		Sta. Name or I.D.	
032		573104 N			1544624 W			27 MAY 92			0256		070		070		000		57		030		26		982		0211		G1448			
CTD Type & SN <u>91220-A SEABIRD</u> Press. SN <u>25084</u> Temp. SN <u>701</u> Cond. SN <u>303</u>					Monitor Checks on Deck at Surface Press. _____ Temp. _____ Cond. _____ Other _____					Times JD/Time Data on <u>0249</u> at Surface <u>0253</u> Start Down <u>0253</u> at Bottom <u>(60m)</u> Start Up _____ at Surface <u>0302</u> Data off <u>0302</u>					Data Location Tape/Diskette I.D. _____ File Name/Header <u>CAST032-27MAY0250</u> _____ _____ Remarks <u>MZ + CHL</u>																	
Pos. No.	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	20		60							41.117	5.081	30.983	32.039				MZ CHL	1														
2	22		50							50.287	5.035	30.927	32.024				MZ CHL	2														
3	29		40							40.193	5.259	31.063	31.969				MZ CHL	3														
4	6		30							30.507	5.318	31.096	31.955				MZ CHL	4														
5	2		20							20.273	5.307	31.084	31.958				MZ CHL	5														
6	27		10							9.970	5.307	31.080	31.957				MZ CHL	6														
7																		7														
8																		8														
9																		9														
10																		10														
11																		11														
12																		12														

 Initials DRS

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Consec. Cast # <u>033</u>			Vessel <u>MILLER FREEMAN</u>			Proj. & Leg <u>MF-92-06 FOCI</u>			Event# <u>481</u>		Vessel Sta. I.D.			Instructions										Sta. Designation <u>B-24</u>		
Consec. Cast #		Latitude		N or S	Longitude		E or W	Date JD = <u>148</u>			Time GMT		Dry Bulb	Wet Bulb	Bar. mb	SS	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weather	Bottom Depth, m	Sta. Name or I.D.		
		Deg. Min.			Deg.			Day Mo. Yr.			Hr. Min.															
033		5708		59 N	15609		25 W	27 MAY 92			2037		087	075	063	7	0	70	08	98	2	0095	61526			
CTD Type & SN <u>91220-A SEABIRD</u>					Monitor Checks					Times JD/Time					Data Location											
Press. SN <u>25084</u>					on Deck at Surface					Data on <u>2029</u>					Tape/Diskette I.D. File Name/Header											
Temp. SN <u>701</u>					Press. _____					at Surface _____					_____ <u>CAST033-27MAY2031</u>											
Cond. SN <u>303</u>					Temp. _____					Start Down <u>2034</u>					_____											
_____					Cond. _____					at Bottom _____					_____											
_____					Other _____					Start Up _____					_____											
_____					_____					Data off _____					Remarks <u>CHL + MZ</u>											
_____					_____					_____					w/o 89											

Stn. No.	Bot.	T 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	7		69							59.640	4.933	30.581	31.720			31.7228	20	CHL	1
2	20		60							59.619	4.932	30.578	31.717					CHL MZ	2
3	22		50							49.491	5.178	30.772	31.710					CHL MZ	3
4	29		40							39.554	5.224	30.794	31.696					CHL MZ	4
5	6		30							29.329	5.768	31.403	31.688					CHL MZ	5
6	2		20							19.467	6.181	31.583	31.693					CHL MZ	6
7	27		10							10.529	6.205	31.591	31.684					CHL MZ	7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials DS
WF

Consec. Cast #				Vessel				Proj. & Leg				Event #		Vessel Sta. I.D.				Instructions												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.			Deg.			Day	Mo.	Yr.	Hr.	Min.																																												
0	3	4	5	6	2	9	8	0	N	1	5	6	0	6	0	8	W	2	7	M	A	Y	9	2	2	3	2	6	0	8	0	0	7	5	0	6	1	8	0	9	3	2	0	9	8	2	0	2	6	7	G	1	5	3	A
CTD Type & SN 91220-A SEABIRD				Monitor Checks												Times JD/Time				Data Location																																			
Press. SN 25084				on Deck at Surface												Data on 2313				Tape/Diskette I.D. File Name/Header																																			
Temp. SN 701				Press. _____												at Surface _____				CAST034_27MAY2314																																			
Cond. SN 303				Temp. _____												Start Down 2318				_____																																			
_____				Cond. _____												at Bottom _____				_____																																			
_____				Other _____												Start Up _____				Remarks																																			
_____				_____												at Surface 2341				W/O 271																																			
_____				_____												Data off 2341				_____																																			
Sts	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	Sts																																				
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.																																							
1	38		290	23:28	23:11					236.540	5.005	31.581	32.710		4.98	32.7095	14		1																																				
2	20		60							61.281	4.709	30.479	31.816					ME CHL	2																																				
3	22		50							50.175	4.660	30.388	31.764					ME CHL	3																																				
4	29		40							40.185	4.730	30.425	31.743					ME CHL	4																																				
5	6		30							36.111	4.784	30.443	31.717					ME CHL	5																																				
6	2		20							20.107	6.227	31.672	31.749					ME CHL	6																																				
7	27		10.							10.018	6.634	32.021	31.760					ME CHL	7																																				
8																			8																																				
9																			9																																				
10																			10																																				
11																			11																																				
12																			12																																				

Initials WF
✓ DS