

Consec. Cast # 001			Vessel MILLER FREEMAN			Proj. & Leg ME-92-03 FOCI			Event # 43		Vessel Sta. I.D.			Instructions line 8										Sta. Designation G001A							
Consec. Cast #		Latitude Deg. Min. N or S			Longitude Deg. 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.	
001		57 43 62 N			155 15 15 W			04 APR 92			22 41		03		100		021		48	325	315		11			115		G001A			
CTD Type & SN 91220-A SEABIRD					Monitor Checks on Deck at Surface					Times JD/Time Data on 095/ at Surface Start Down 223715 at Bottom Start Up at Surface Data off					Data Location Tape/Diskette I.D. File Name/Header MF9203_001_04APR2219 CAST001_04APR2219																
Press. SN 25084					Press. _____										Remarks closed file @ 103 m on way up - LINE 8 STA 61 - bottom shoaling rapidly fluorescence appears as 0.000 on computer																
Temp. SN 701					Temp. _____																										
Cond. SN 303					Cond. _____																										
Other _____					Other _____																										
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.	Pos.												
1		27	100	22 45 20		101.557 3.995 29.791 31.682												NUTS 129	1												
2		22	75			73.419 4.091 29.857 31.682												130	2												
3		21	75			74.578 4.089 29.856 31.681												131	3												
4		20	50			49.998 3.993 29.745 31.655												132	4												
5		29	30			29.107 3.459 29.196 31.534												133	5												
6		26	20			20.528 3.290 29.027 31.502												134	6												
7		25	10			10.155 3.228 28.961 31.487												135	7												
8		22	10																8												
9		28																	9												
10		20																	10												
11		38	5			101.798 3.996 29.797 31.688											31.685	30	136	11											
12		TINER																	12												

Fox 61

Initials WF/CS



1st DEEP

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Pg. 31 of 31

Consec. Cast # 003		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCT		Event # 45		Vessel Sta. I.D.		Instructions										Sta. Designation G002A				
Consec. Cast #	Latitude		N or S	Longitude		E or W	Date JD = 096			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.														
003	57	41	09	N	155	10	14	W	05	APR	92	00	18	06	00	20	21	48	29	52	04	21	290	G002A

Fox 60

CTD Type & SN 91220-A SEABIRD		Monitor Checks		Times JD/Time		Data Location	
Press. SN 25084		on Deck		Data on		Tape/Diskette I.D.	
Temp. SN 701		at Surface		at Surface		File Name/Header	
Cond. SN 303		Press. _____		Start Down 000825		MF9203	
		Temp. _____		at Bottom 001830		LAST003-05APR0007	
		Cond. _____		Start Up _____		Remarks LINE 8, STA 60	
		Other _____		at Surface _____		NO FLUOR ON COMPUTER DISPLAY	
				Data off _____		add temp trace during last 150 m. duplicated on upcast	

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	27		250			251.102	4.799	31.154	32.414									137	1
2	22		200			201.504	4.514	30.576	32.046									138	2
3	21		150		003349	151.334	4.629	30.534	31.911									139	3
4	20		100		003609	99.747	4.352	30.207	31.825									140	4
5	29		75		003727	75.748	3.647	29.433	31.609									141	5
6	26		50		003909	50.776	3.247	28.979	31.470									142	6
7	25		30		004042	29.712	3.088	28.802	31.423									—	7
8	23		20		004155	20.306	3.076	28.785	31.419									143	8
9	28		10			10.202	3.040	28.742	31.407									144	9
10	20																		10
11	38				001930	256.754	4.680	31.066	32.425							32.416	27		11
12	PINGER																		12

Initials WF/CD

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Consec. Cast # 004		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCT		Event # 46		Vessel Sta. I.D.		Instructions										Sta. Designation G002A														
Consec. Cast #		Latitude N or S Deg. Min.			Longitude E or W Deg.			Date JD = 096 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.	
004		5740.89 N			15510.20 W			05 APR 92			01 16		04		9		01		4		22		48		295		226		21		296		G002A	
CTD Type & SN 91220-A SEABIRD		Monitor Checks on Deck at Surface										Times JD/Time Data on _____ at Surface 011320 Start Down 011335 at Bottom 0116 Start Up _____ at Surface _____ Data off _____										Data Location Tape/Diskette I.D. _____ File Name/Header MF9203 CAST004_05APR01/2												
Press. SN 25084		Press. _____										Start Down 011335										Tape/Diskette I.D. _____												
Temp. SN 701		Temp. _____										at Bottom 0116										File Name/Header MF9203												
Cond. SN 303		Cond. _____										Start Up _____										CAST004_05APR01/2												
_____		Other _____										at Surface _____										Remarks LINE 8, STA 60 NO FLUOR ON COMPUTER DISPLAY												
_____		_____										Data off _____										_____												

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	27		50			50.091	3.645	29.421	31.611									1	
2	22		50			50.092	3.645	29.421	31.611									2	
3	21		40			40.421	3.418	29.164	31.530									3	
4	20		40			40.491	3.408	29.152	31.525									4	
5	29		30			30.299	3.134	28.860	31.448									5	
6	26		30			30.266	3.156	28.883	31.454									6	
7	25		20			20.080	3.126	28.848	31.445									7	
8	23		20			20.075	3.090	28.811	31.436									8	
9	28		10			9.964	3.075	28.790	31.431									9	
10	20		10			10.002	3.078	28.793	31.431									10	
11	38																	11	
12	PINGER																	12	

 Initials _____
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Consec. Cast # 005		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 47		Vessel Sta. I.D.		Instructions										Sta. Designation G003A												
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 096 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		573826 N		1550480 W		05 APR 92			020705		0020		0202		0213		831		0245		21		2546		003A							

Fox 59

CTD Type & SN 91220-A SEABIRD		Monitor Checks on Deck at Surface				Times JD/Time Data on _____ at Surface _____ Start Down 020230 at Bottom _____ Start Up _____ at Surface _____ Data off _____		Data Location Tape/Diskette I.D. _____ File Name/Header MF9203 _____ CAST005-05APR0201			
Press. SN 25084		Press. _____									
Temp. SN 701		Temp. _____									
Cond. SN 303		Cond. _____									
		Other _____									

Remarks LINE 8, STA 59
CAST DEPTH ~140 m - only needed to go to 60 m
NO FLUOR 2nd COMPUTER DISPLAY

Pos.	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	27		50			48.807	4.306	30.144	31.822									1	
2	22		50			48.297	4.354	30.198	31.838									2	
3	21		40			41.150	4.060	29.879	31.753									3	
4	20		40			41.299	4.093	29.913	31.761									4	
5	29		30			30.358	3.684	29.465	31.635									5	
6	26		30			30.343	3.660	29.438	31.626									6	
7	25		20			20.123	3.407	29.157	31.542				didn't check					7	
8	23		20			20.363	3.418	29.166	31.543									8	
9	28		10			10.192	3.290	29.017	31.494									9	
10	20		10			10.255	3.295	29.022	31.496							31.493	04	10	
11	38		—															11	
12	PINGER																	12	

Initials BT CD

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Consec. Cast # 006		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 48		Vessel Sta. I.D.		Instructions										Sta. Designation G004A														
Consec. Cast #		Latitude N or S			Longitude E or W			Date JD = 096 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		573618 N			1550061 W			05 APR 92			0301		039		010		2238		310		244		21		235		600		4A		Fox 58			
CTD Type & SN 91220-A SEABIRD		Monitor Checks on Deck at Surface										Times JD/Time Data on 025308 at Surface 025315 Start Down 025340 at Bottom 0301 Start Up 0301 at Surface Data off				Data Location Tape/Diskette I.D. File Name/Header MF9203 CAST006-05APR0252																		
Press. SN 25084		Press. _____										Start Down 025340				Tape/Diskette I.D. File Name/Header																		
Temp. SN 701		Temp. _____										at Bottom 0301				MF9203																		
Cond. SN 303		Cond. _____										Start Up 0301				CAST006-05APR0252																		
_____		Other _____										at Surface				Remarks LINE 8, STA 58 NO FLUX ON COMPUTER DISPLAY																		
_____		_____										Data off				_____																		

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	27		216 307			215.707	4.946	31.493	32.677								145		1
2	22		200			198.897	4.568	30.945	32.423								148		2
3	21		150		031214	151.139	4.856	30.913	32.130								146		3
4	20		100		031415	101.095	4.917	30.870	32.046			No click					149		4
5	29		75		031530	75.080	4.517	30.422	31.929								147		5
6	26		50		031745	50.668	4.533	30.405	31.905								150		6
7	25		30		031854	30.356	3.960	29.785	31.745								151		7
8	23		20		032002	20.464	3.887	29.697	31.717								152		8
9	28		10		032100	10.558	3.848	29.651	31.705			No click					153		9
10	20		—																10
11	38 B		—	030225	030725	216.213	4.947	31.493	32.677								32.672	13	11
12	PINGER		—																12

Initials BT/CD



Consec. Cast # 007		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 49		Vessel Sta. I.D.		Instructions										Sta. Designation G004A																																			
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	0	7	5	7	3	6	4	3	N	1	5	5	0	0	5	6	W	0	5	A	P	R	9	2	0	3	4	5	0	3	3	0	0	2	2	2	3	8	3	1	0	2	2	4	2	1	2	3	5	G	0	0	4	A

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 _____	
Cond. SN 303		Temp. _____		_____		Start Down 034240		_____	
_____		Cond. _____		_____		at Bottom _____		_____	
_____		Other _____		_____		Start Up _____		Remarks LINE 8, STA 58	
_____		_____		_____		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	27		50		034455	50.721	4.176	30.063	31.852									1	
2	22		50			50.768	4.180	30.067	31.852									2	
3	21		40		034644	40.240	4.241	30.112	31.852									3	
4	20		40		034735	40.198	4.243	30.114	31.852									4	
5	29		30		034822	30.286	4.244	30.108	31.849									5	
6	26		30		034907	30.240	4.244	30.108	31.849									6	
7	25		20		035025	20.151	3.890	29.710	31.730									7	
8	23		20		035103	20.380	3.967	29.791	31.750									8	
9	28		10		035230	10.007	3.880	29.693	31.725									9	
10	20		10		035312	9.992	3.898	29.712	31.730									10	
11	38		—															11	
12	PINGER																	12	

 Initials _____
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Consec. Cast # 008			Vessel MILLER FREEMAN			Proj. & Leg MF-92-03 FOCI			Event # 50		Vessel Sta. I.D.			Instructions										Sta. Designation G005A										
Consec. Cast #		Latitude Deg. Min. N or S			Longitude Deg. E or W			Date JD = 096 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.	
008		573313 N			1545247 W			05 APR 92			0436		034		012		222		38		320		28441		228		G005A		Fox 57					
CTD Type & SN 91220-A SEABIRD			Monitor Checks on Deck at Surface						Times JD/Time Data on _____ at Surface _____ Start Down 043325 at Bottom 0435 Start Up 0437 at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header MF9203 CAST008 05APR0432 Remarks LINE 8, STA 57																					
Sigsbee		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		27				50				49.765 4.528 30.406 31.912															1									
2		22				50				49.907 4.530 30.407 31.911															2									
3		21				40				39.236 4.456 30.323 31.890															3									
4		20				40		044004		39.155 4.455 30.321 31.889															4									
5		29				30		044133		29.111 4.348 30.202 31.858															5									
6		26				30		044213		28.978 4.341 30.194 31.856															6									
7		25				20		044330		19.765 4.112 29.952 31.800															7									
8		23				20		044412		19.793 4.154 29.999 31.813															8									
9		28				10		044535		9.982 3.906 29.725 31.737															9									
10		20				10		044610		9.900 3.840 29.650 31.713															10									
11		38				50		043543		49.808 4.515 30.392 31.908											31.902		06		11									
12		PINGER																							12									

Initials BT/CD



Consec. Cast # 009		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 51		Vessel Sta. I.D.		Instructions										Sta. Designation G006A												
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 096 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		57 30 87 N		154 46 94 W		05 APR 92			05 31		03 20		01 22		23 38		32 51		8 44		1 21		06 06		A							
CTD Type & SN 91220-A SEABIRD		Monitor Checks on Deck at Surface						Times JD/Time Data on _____ at Surface _____ Start Down 052505 at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header MF9203 CAST009-05APR0522 Remarks LINE 8, STA 56																				
Press. SN 25084		Press. _____						Data on _____				Tape/Diskette I.D. _____																				
Temp. SN 701		Temp. _____						at Surface _____				File Name/Header MF9203																				
Cond. SN 303		Cond. _____						Start Down 052505				CAST009-05APR0522																				
		Other _____						Start Up _____				Remarks LINE 8, STA 56																				
								at Surface _____																								
								Data off _____																								

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	27		200		054005	199.963	5.043	31.598	32.710										1	
2	22		150		054450	150.383	4.382	30.681	32.323										2	
3	21		100		054640	101.738	4.597	30.665	32.120										3	
4	20		75		054840	74.788	4.735	30.670	32.004										4	
5	29		50		054945	50.215	4.776	30.638	31.940										5	
6	26		30		055102	30.077	4.168	30.018	31.817										6	
7	25		20			20.334	3.890	29.704	31.723										7	
8	23		10		055400	10.137	3.886	29.695	31.721										8	
9	28																		9	
10	20																		10	
11	38 D				053325	192.997	5.036	31.587	32.708								32.703	12	11	
12	PINGER																		12	

Initials BT / CD

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Consec. Cast # 010		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 52		Vessel Sta. I.D.		Instructions										Sta. Designation GOC 6A																																																																
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	1	0		5	7		3	0		9		1		N		1	5	4	4		6		8		9		W		0	5			A	P	R		9	2		0	6		2	1		0	3		0	0	0		6		2	3		3	8		3	2		0	0	7		4	4		1		2	1		2	6		0	0		6	A
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				MF9203																																																																				
Cond. SN		303		Temp.								Start Down																																																																								
				Cond.								at Bottom				CAST010-05APR0614																																																																				
				Other								Start Up				Remarks LINE 8, STA 56																																																																				
				Data off																																																																																

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			50		06															1
2			50		061840															2
3			40		061951	40.628	4.668	30.529	31.923											3
4			40		062027	40.488	4.697	30.557	31.928											4
5			30		062135	30.790	4.331	30.187	31.856											5
6			30		062209	30.870	4.324	30.180	31.855											6
7			20		062334	20.375	3.898	29.713	31.726											7
8			20		062420	20.266	3.916	29.733	31.731											8
9			10		062532	9.968	3.878	29.687	31.719											9
10			10		062605	9.871	3.880	29.689	31.720											10
11																				11
12																				12

 Initials _____
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Consec. Cast # 011		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 53		Vessel Sta. I.D.		Instructions										Sta. Designation G007A																																				
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	1	1		5	7	2	8	3	1	N	1	5	4	4	1	9	1	W	0	5	A	P	R	9	2	0	6	5	7	0	3	2	0	1	1	2	4	3	8	3	2	0	1	8	4	4	1			5	6	6	0	0	7	A
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 _____		MF9203 _____																																										
Cond. SN 303		Temp. _____					_____					Start Down _____		_____																																										
_____		Cond. _____					_____					at Bottom _____		CASTON_05APR0654																																										
_____		Other _____					_____					Start Up _____		Remarks LINE 8, STA 55																																										
_____		_____					_____					at Surface _____		_____																																										
_____		_____					_____					Data off _____		_____																																										

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	27		50			50.311	4.269	30.472	32.240										1	
2	22		50			50.147	4.216	30.425	32.237										2	
3	21		40			40.474	4.427	30.505	32.129										3	
4	20		40			40.576	4.436	30.516	32.132										4	
5	29		30			29.657	4.457	30.445	32.035										5	
6	26		30			29.771	4.479	30.470	32.044										6	
7	25		20			19.194	4.285	30.196	31.918										7	
8	23		20			19.184	4.294	30.205	31.920										8	
9	28		10			10.038	3.915	29.770	31.781										9	
10	20		10			9.996	3.892	29.742	31.772										10	
11	28					50.147	4.338	30.534	32.245								32.243	23	11	
12	PINGER																		12	

Initials BT/CD

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Consec. Cast # 012		Vessel MILLER FREEMAN		Proj. & Leg MF-92-03 FOCI		Event # 78		Vessel Sta. I.D.		Instructions										Sta. Designation G014A												
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 096 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.	
012		574280 N		1551246 W		05 APR 92			2224		05		2026		29		28		280		030		-0		293		G014A					
CTD Type & SN 91220-A SEABIRD		Monitor Checks on Deck at Surface						Times JD/Time Data on _____ at Surface _____ Start Down ~2214 at Bottom _____ Start Up _____ at Surface _____ Data off _____				Data Location Tape/Diskette I.D. _____ File Name/Header MF9203 _____ CAST012_05APR9213																				
Press. SN 25084		Press. _____										Remarks Cast @ TRAWL 1 - 20 L water collection * SAMPLE WAS DRAWN FM NISKEN BOTT - ~6 HRS AFTER CAST																				
Temp. SN 701		Temp. _____																														
Cond. SN 303		Cond. _____																														
		Other _____																														

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	38	B	270	222710	223218	271.101	5.005	31.591	32.705								32.693*	15		1
2		102			223249	271.110	5.007	31.585	32.695											2
3		102			223320	271.103	5.007	31.594	32.706											3
4																				4
5																				5
6																				6
7																				7
8																				8
9																				9
10																				10
11																				11
12																				12

 Initials _____
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Consec. Cast #		Vessel		Proj. & Leg		Event #		Vessel Sta. I.D.		Instructions										Sta. Designation												
Consec. Cast #		Latitude			Longitude			Date JD =			Time GMT		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.	N or S	Deg.	Min.	E or W	Day	Mo.	Yr.	Hr.	Min.																				
013		57	44	N	155	08	87	10	APR	92	17	30		40		15	17	37	34	00	65	01			290	61074						
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																
Cond. SN		303		Temp.								Start Down				CAST 013 - MF9203 10 APR 1992 SC5																
				Cond.								at Bottom																				
				Other								Start Up																				
												at Surface				Remarks cast at trawl location																
												Data off																				

Pos	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot. Data			Sal. Bot. #	Other Samp.	S.D.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1	38	B		173116		275.685	4.891	31.415	32.611							32.607	18		1
2	29					275.587	4.885	31.405	32.607										2
3	20					275.453	4.883	31.403	32.605										3
4	23					275.353	4.885	31.405	32.606	275.451	4.87		32.598						4
5	25		250			248.598	4.734	31.047	32.354	248.692	4.72		32.349			32.602	32		5
6	21		200			198.285	5.011	31.135	32.212	198.917	5.00		32.185			32.602	02		6
7	2		150			149.100	4.651	30.690	32.073	149.378	4.670		32.068			32.355	16		7
8	5		100			101.042	4.575	30.510	31.962	101.693	4.58		31.960			32.359	05		8
9	1		50			51.493	4.201	30.053	31.820	52.264	4.18		31.837	not obvious where	32.206	24		9	
10	7		10			11.235	3.299	28.977	31.437	12.120	3.30		31.463	"	"	1132.078	19		10
11	Sea Cat									11.707	3.30		31.450						11
12	P. 150																		12

Initials LL/MF

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Apparent bottle mix-up. Do NOT use in calculating salinity correction