

Consec. Cast # 001		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 2		Event # 31		Vessel Sta. I.D.		Instructions Pegg 4 morning								Sta. Designation 001															
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 267 Day Mo. Yr.		Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb 1001.8	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud Type	Weath.	Bottom Depth, m	Sta. Name or I.D.												
001	54	49	83 N	168	35	25 W	24	SEP	9	4	14	28	9	2	8	3	0	2	3	7	3	2	5	1	2	8	6	2	2	2	9	5	001

CTD Type & SN SBE 91220 - A		Monitor Checks				Times JD/Time		Data Location			
Press. SN _____		on Deck		at Surface		Data on _____		Tape/Diskette I.D.		File Name/Header	
Temp. SN 701		Press. _____		_____		at Surface 1352		_____		CAST001-24SEP1350	
Cond. SN 303		Temp. _____		_____		Start Down 1352 15		_____		_____	
_____		Cond. _____		_____		at Bottom 1428		_____		_____	
_____		Other _____		_____		Start Up 1429		_____		Remarks 1500 m cast prior to recovery	
_____		_____		_____		at Surface _____		_____		of mooring PEGGY44 - no fluorometer	
_____		_____		_____		Data off _____		_____		no light meter	

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		✓	1500	142900						1495.576	2.264	31.252	34.488			34.4864	13		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials CO BF

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Consec. Cast # 002		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event # 150		Vessel Sta. I.D.		Instructions 2' 12mm										Sta. Designation 002			
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 269 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	57	30	N	154	47	W	26	SEP	94	17	25	09	70	68	133	38	280	103	81			206	002

CTD Type & SN SBE 91220 - A		Monitor Checks				Times JD/Time		Data Location			
Press. SN		on Deck		at Surface		Data on		Tape/Diskette I.D.		File Name/Header	
Temp. SN 701		Press. _____		_____		at Surface 1718		_____		CAST002_26SEP1717	
Cond. SN 303		Temp. _____		_____		Start Down 1718		_____		_____	
_____		Cond. _____		_____		at Bottom _____		_____		_____	
_____		Other _____		_____		Start Up _____		Remarks		Prior to recovery of mooring	
_____		_____		_____		at Surface _____		9403A - with fluorometer & light meter		205	
_____		_____		_____		Data off _____		_____		_____	

Pos. No.	Bot.	T Rack	Trip Depth	Time @		Monitor Values				Conv. Mon. Values-CTD				Sample Bot.Data			Sal. Bot. #	Other Samp.	Pos. No.
				Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.			
1		✓		172623						173553	4.991	31.929	33.156			33.1470	06		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials S D/WF



Consec. Cast # 003		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event#		Vessel Sta. I.D.		Instructions 9402 RECOVERY										Sta. Designation 003																
Consec. Cast #		Latitude Deg. Min.		N or S		Longitude Deg.		E or W		Date JD = 269 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.	
003		5738		84		N		15503		52		W 26 SEP 94			2111		11		0080		1428		2200		6481		239		003							

CTD Type & SN SBE 91220 - A		Monitor Checks				Times JD/Time				Data Location			
Press. SN		on Deck		at Surface		Data on				Tape/Diskette I.D.		File Name/Header	
Temp. SN 701		Press.				at Surface		2103				CAST 003_26SEP2102	
Cond. SN 303		Temp.				Start Down		2112					
		Cond.				at Bottom							
		Other				Start Up							
						at Surface							
						Data off						Remarks 9402 MOORING CAL.	

Pos. Nos.	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			236	2112						236.172	4.972	32.052	33.285			33.2821	12		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials CO/WF

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Consec. Cast # <b>004</b>		Vessel <b>MILLER FREEMAN</b>		Proj. & Leg <b>MF9408 LEG 1</b>		Event #		Vessel Sta. I.D.		Instructions <b>m-3 Recovery</b>										Sta. Designation																														
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg. Min.		E or W	Date Day Mo. Yr.			Time GMT Hr. Min.		Dry Bulb	Wet Bulb	Bar. mb	SS	Vis	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.																											
<b>004</b>	<b>5</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>9</b>	<b>8</b>	<b>N</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>W</b>	<b>2</b>	<b>7</b>	<b>S</b>	<b>E</b>	<b>P</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>4</b>
CTD Type & SN <b>SBE 91220 - A</b>				Monitor Checks				Times				Data Location																																						
Press. SN _____				on Deck				Data on _____				Tape/Diskette I.D. _____																																						
Temp. SN <b>701</b>				at Surface				at Surface _____				File Name/Header _____																																						
Cond. SN <b>303</b>				Press. _____				Start Down _____				CAST <b>004-27 Sep 0039</b>																																						
				Temp. _____				at Bottom _____																																										
				Cond. _____				Start Up _____				Remarks <b>231 w/o</b>																																						
				Other _____				at Surface _____																																										
								Data off _____																																										

  

St. No.	Bot. Rack	T	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	8					230.046				230.046	4.965	32.081	33.328			33.3237	04		1
2																			2
3																			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 # <b>005</b>		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event # <b>228</b>		Vessel Sta. I.D.		Instructions										Sta. Designation <b>5</b>						
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = <b>271</b> 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	59	05	88	N	151	00	42	W	28	SEP	9	4	04	36	09	3	06	9	1	6	28	20	00	2381	178	005
CTD Type & SN <u>SBE 91220 - A</u>			Monitor Checks										Times JD/Time		Data Location											
Press. SN _____			on Deck					at Surface					Data on _____		Tape/Diskette I.D.					File Name/Header						
Temp. SN <u>701</u>			Press. _____					_____					at Surface <u>0430</u>		_____					CAST <u>005</u> <u>28 SEP 94</u>						
Cond. SN <u>303</u>			Temp. _____					_____					Start Down <u>0430</u>		_____					_____						
_____			Cond. _____					_____					at Bottom <u>0436</u>		_____					_____						
_____			Other _____					_____					Start Up <u>0436</u>		_____					_____						
_____			_____					_____					at Surface _____		Remarks <u>9432</u>					_____						
_____			_____					_____					Data off _____		_____					<u>w/fluoro meter &amp; light meter</u>						

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		✓	150	043709						148.866	6.362	32.505	32.483			32.4799	20		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials SO/WP

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Consec. Cast # 006		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event # 233		Vessel Sta. I.D.		Instructions										Sta. Designation 006										
Consec. Cast #		Latitude N or S		Longitude E or W		Date JD = 271 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		59 00 70 N		150 59 30 W		28 SEP 94			21 44 09		1068		1628		2100		2381		158						006					
CTD Type & SN SBE 91220 - A				Monitor Checks				Times JD/Time				Data Location																		
Press. SN				on Deck at Surface				Data on				Tape/Diskette I.D.				File Name/Header														
Temp. SN 701				Press. _____				at Surface 0538				_____				CAST_006_28SEP0538														
Cond. SN 303				Temp. _____				Start Down 0539				_____				_____														
_____				Cond. _____				at Bottom 0544				_____				_____														
_____				Other _____				Start Up 0545				_____				_____														
_____				_____				at Surface _____				_____				Remarks 9433														
_____				_____				Data off _____				_____				DRIFTER DEPLOYED ~1 MI PRIOR TO 9433 - LIGHT METER & FLUOROMETER														

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																		1	
2																		2	
3																		3	
4																		4	
5																		5	
6																		6	
7																		7	
8																		8	
9																		9	
10																		10	
11																		11	
12																		12	

Initials SD/UF

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Consec. Cast # <u>007</u>		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event# 236		Vessel Sta. I.D.		Instructions										Sta. Designation				
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = <u>271</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	58	56	97	N	150	56	06	W	28	SEP	94	06	40	09	10	68	16	28	210	02	38	1	146	007
CTD Type & SN <u>SBE 91220 - A</u>			<div style="display: flex; justify-content: space-between;"> <div> Monitor Checks  on Deck                      at Surface  Press. _____  Temp. _____  Cond. _____  Other _____ </div> <div> Times JD/Time  Data on _____  at Surface _____  Start Down _____  at Bottom _____  Start Up _____  at Surface _____  Data off _____ </div> <div> Data Location <u>143</u>  Tape/Diskette I.D. _____  File Name/Header <u>CAST_007_28SEP0635</u>  Remarks <u>9434</u>  <u>FLUOROMETER &amp; LIGHT METER</u> </div> </div>																					
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			143									143.110	6.088	32.378	32.608			32.6044	05		1			
2																						2		
3																						3		
4																						4		
5																						5		
6																						6		
7																						7		
8																						8		
9																						9		
10																						10		
11																						11		
12																						12		

Initials SS/WF

Consec. Cast # 008			Vessel MILLER FREEMAN			Proj. & Leg MF9408 LEG 1			Event # 238		Vessel Sta. I.D.			Instructions										Sta. Designation														
Consec. Cast #		Latitude Deg. Min. S			N or S		Longitude Deg. Min. W			E or W		Date JD = 271 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		5853			16		N		15054			34		W		28 SEP 94			0719		0940		67		17		38		16		510		381		143		008	
CTD Type & SN SBE 91220 - A					Monitor Checks										Times JD/Time					Data Location																		
Press. SN					on Deck					at Surface					Data on					Tape/Diskette I.D.					File Name/Header													
Temp. SN 701					Press.										at Surface					CAST 008 - 28SEP0713																		
Cond. SN 303					Temp.										Start Down																							
					Cond.										at Bottom																							
					Other										Start Up										Remarks 9435													
															at Surface										LIGHT METER & FLUOROMETER													
															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	✓	120	072044							119.367	6.186	32.394	32.543			32.5335	14		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials SD/WF



Consec. Cast # <b>009</b>			Vessel <b>MILLER FREEMAN</b>			Proj. & Leg <b>MF9408 LEG 1</b>			Event # <b>241</b>			Vessel Sta. I.D.			Instructions										Sta. Designation <b>009</b>													
Consec. Cast #		Latitude Deg. Min. S			N or S		Longitude Deg. W			E or W		Date JD = <b>271</b> 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		584877			N		1505347			W		28 SEP 94			0805		094067		1738		16510381		178										009					
CTD Type & SN <b>SBE 91220 - A</b>					Monitor Checks										Times JD/Time					Data Location																		
Press. SN _____					on Deck					at Surface					Data on _____					Tape/Diskette I.D.					File Name/Header													
Temp. SN <b>701</b>					Press. _____					_____					at Surface <b>0759</b>					_____					CAST <b>009-28SEP0758</b>													
Cond. SN <b>303</b>					Temp. _____					_____					Start Down _____					_____					_____													
_____					Cond. _____					_____					at Bottom _____					_____					_____													
_____					Other _____					_____					Start Up _____					_____					Remarks <b>9436</b>													
_____					_____					_____					at Surface _____					_____					LIGHT METER & FLUOROMETER													
_____					_____					_____					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										177.024	5.735	32.412	32.971			32.9558	19		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials **CO/PW**

Consec. Cast # 010		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 1		Event # 243		Vessel Sta. I.D.		Instructions										Sta. Designation 010																														
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 271 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	5	8	4	2	4	3	N	1	5	0	5	0	9	W	2	8	5	E	7	9	4	0	9	0	6	0	9	1	0	7	2	1	7	1	8					3	8	0	1	8	6			0	1	0

CTD Type & SN SBE 91220 - A		Monitor Checks				Times JD/Time				Data Location			
Press. SN _____		on Deck		at Surface		Data on _____		Tape/Diskette I.D.		File Name/Header			
Temp. SN 701		Press. _____		_____		at Surface _____		_____		CAST 010-285E70859		_____	
Cond. SN 303		Temp. _____		_____		Start Down _____		_____		_____		_____	
_____		Cond. _____		_____		at Bottom _____		_____		_____		_____	
_____		Other _____		_____		Start Up _____		_____		Remarks 9437		_____	
_____		_____		_____		at Surface _____		_____		LIGHT METER & FLUOROMETER		_____	
_____		_____		_____		Data off _____		_____		_____		_____	

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										183.848	5.533	32.415	33.169			33.1695	25		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials CD/PW

Consec. Cast # 011		Vessel MILLER FREEMAN		Proj. & Leg MF9408 LEG 2		Event # 245		Vessel Sta. I.D.		Instructions										Sta. Designation 011			
Consec. Cast #	Latitude Deg. Min.		N or S	Longitude Deg.		E or W	Date JD = 271 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.
011	58	35	12 N	150	46	70 W	28	SEP	9	4	09	57	09	00	70	18	18				380	172	011
CTD Type & SN SBE 91220 - A			Monitor Checks								Times JD/Time				Data Location								
Press. SN _____			on Deck				at Surface				Data on _____				Tape/Diskette I.D.				File Name/Header				
Temp. SN 701			Press. _____				_____				at Surface _____				CAST 011-28SEP0950				_____				
Cond. SN 303			Temp. _____				_____				at Bottom _____				_____				_____				
_____			Cond. _____				_____				Start Up _____				Remarks 9438				_____				
_____			Other _____				_____				Data off _____				LIGHT METER & FLUOROMETER				_____				

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										168.872	5.547	32.377	33.119			33.1185	24		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials CD/RW

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