

Voltages 0 = 1 cal -  
 H = Fluorometer (new one // just dripped save Volt. 2) → pumped w/ 20, nothing on 1<sup>st</sup> pump  
 2 = Chloro (but no instrument there)

VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-07		DSDB I.D.		STATION DESIGNATION Ctd 001 / 51st tow byte	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO
154	13.54	N	166.43	W	15	MAY	01
SBE 9+		TIMES		JD/TIME		TIME (GMT)	
PRESS SN		DATA ON.		START DOWN		HR	
PRI TEMP SN		AT DEPTH		AT SURFACE		MIN	
SEC TEMP SN		AT DEPTH		AT SURFACE		SEC	
PRI COND SN		AT DEPTH		AT SURFACE		YR	
SEC COND SN		AT DEPTH		AT SURFACE		MO	
TRIP DEPTH		PAR S/N 4242		FLUOR S/N 109		WET BULB (°C)	
POS.		CHIAM S/N 109		CHIAM S/N 109		DRY BULB (°C)	
SAMPLE BOTTLE NUMBER		FILE NAME/HEADER		DATA LOCATION		SEA STATE	
SAL		SALINITY		SALINITY		WIND DIRN.	
CHL		SALINITY		SALINITY		(deg)	
NUTR		SALINITY		SALINITY		WIND SPD.	
WHIT'S NUTR		SALINITY		SALINITY		(m/s)	
SAL		SALINITY		SALINITY		CLOUD (amt)	
CHL		SALINITY		SALINITY		WEATHER	
NUTR		SALINITY		SALINITY		BOTTOM DEPTH	
WHIT'S NUTR		SALINITY		SALINITY		(m)	
SAL		SALINITY		SALINITY		STA NAME/ID	
CHL		SALINITY		SALINITY		001	
NUTR		SALINITY		SALINITY		001	
WHIT'S NUTR		SALINITY		SALINITY		001	
SAL		SALINITY		SALINITY		001	
CHL		SALINITY		SALINITY		001	
NUTR		SALINITY		SALINITY		001	
WHIT'S NUTR		SALINITY		SALINITY		001	

REMARKS Fluor. off  
 Something was kicking the CTD  
 at ~40m. 41 x in a row...  
 Cleaned air bleed valve  
 MAX. DEPTH = 60 m

Pw  
 CTD  
 (caps) ✓





VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
NOAA Ship MILLER FREEMAN		MF-00-07																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN.	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO											YR	HR
45413	15	N	166	41	36	W	16	00	22	45	5	0	0	0	762	1301	4	
SBE 9+		01660		JD/TIME												REMARKS <i>Skid first low tide</i>		
PRESS SN		29772		DATA ON.						Tape/Diskette ID		File Name/Header				<input checked="" type="checkbox"/> Cleaned air bleed valve		
PRI TEMP SN		889		START DOWN												MAX. DEPTH = 602 m		
SEC TEMP SN		884		AT DEPTH														
PRI COND SN		480		AT SURFACE														
SEC COND SN		530		PAR S/N 4242		<input checked="" type="checkbox"/>		FLUOR SN 153		<input type="checkbox"/>		CHIAM SN 109						
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES												SAMPLE BOTTLE NUMBER				
		PRESSURE	PRI TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAL	NUTR	CHL	WHIT'S NUTR.								
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

*site not no plugged into atm. check cables?*



VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
NOAA Ship MILLER FREEMAN		MF-00-107											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRLN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
65403.29	N 16° 42' 31" W	166° 42' 31" W	MAY 00 1453	5:11	4.1	3.8	5102	862	1294				
SBE 9+	TIMES	JD/TIME	DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS				
PRESS SN	DATA ON								Cleaned air bleed valve				
PRI TEMP SN	START DOWN								MAX. DEPTH = 601 m				
SEC TEMP SN	AT DEPTH												
PRI COND SN	AT SURFACE												
SEC COND SN	PAR S/N 4242	FLUOR S/N 153	CHAM S/N 109										
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
1	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	CHL.	WHIT'S NUTR.					
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-107				STATION DESIGNATION																																							
LATITUDE			LONGITUDE			DATE JD=		TIME (GMT)		WET BULB		DRY BULB		TIME (GMT)		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID																			
DEG		MIN		SEC		DEG		MIN		SEC		HR		MIN		°C		°C		°		°		°		°																			
75		40		5		37		N		168		07		19		3		W		18		MAY		00		01		26		4		1		1		2		2		2		2		7	
SBE 9+			91660			JD/TIME			DATA LOCATION			Tape/Diskette ID		File Name/Header		REMARKS		First Cast and two site beginning																											
PRESS SN			29772			DATA ON			START DOWN			AT DEPTH			AT SURFACE			Cleaned air bleed valve		MAX. DEPTH = 351 m		353		SAMPLE BOTTLE NUMBER		SAL		NUTR		CHL		WHIT'S		NUTR											
PRI TEMP SN			889			FLUOR SN 153			CHIAM SN 109			PAR SN 4242		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY									
SEC TEMP SN			884			PAR SN 4242			FLUOR SN 153		CHIAM SN 109		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA		SAMP BOTTLE DATA								
PRI COND SN			480			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
SEC COND SN			530			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			1			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			2			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			3			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			4			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			5			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			6			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			7			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			8			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			9			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			10			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			11			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									
TRIP DEPTH			12			PRESSURE			PRI TEMP.			SEC. TEMP.			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY			SALINITY									

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1st Cast 'L' (Newman end)

VESSEL		PROJECT & LEG		STATION DESIGNATION																																	
NOAA Ship MILLER FREEMAN		MF-00-107																																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID										
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN																												
1	25	22.36	N	168	4	1	79	W	19	MAY	00	10	39	6.5	4.5	0.8	4	7	3	10	1	0	8	7	2	23	7										
SBE 9+		91660		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		File Name/Header		REMARKS		310																					
PRESS SN		29772		DATA ON.																																	
PRI TEMP SN		RR9		START DOWN																																	
SEC TEMP SN		RR4		AT DEPTH																																	
PRI COND SN		480		AT SURFACE																																	
SEC COND SN		530		PAR SN		4242		FLUOR SN		153		CHIAM SN		109		MAX. DEPTH =		230		m																	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA						SAMPLE BOTTLE NUMBER																			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL	NUTR.	CHL	WHIT'S NUTR.																		
1																																					
2																																					
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

277

237

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VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-107		DSDB I.D.		STATION DESIGNATION 14	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR
14	53.31	168	54.07	19	MAY	00	1330
SBE 9+		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 29772		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 889		START DOWN					
SEC TEMP SN 884		AT DEPTH					
PRI COND SN 481915		AT SURFACE					
SEC COND SN 530		PAR SN 4242		FLUOR SN 153		CHIAM S/N 109	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
POS.		PRESSURE	PRI TEMP.	SEC TEMP.	SALINITY	SALINITY	SAL
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

REMARKS L-3

Cleaned air bleed valve

1528

MAX. DEPTH = 1500 m



VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-07		DSDB I.D.		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
155336.43 N		16903.80 W		19 MAY 01		1532		5.9		4.9		4.9		47		3		11		09		86		24		756		15			
SBE 9+		01660		JD/TIME		TAPES/DISKETTE ID		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		Cleaned air bleed valve		MAX. DEPTH = 1502 m													
PRESS SN		29772		DATA ON.		START DOWN		AT DEPTH		AT SURFACE		PAR S/N 4242		FLUOR S/N 153		CHIAM S/N 109															
PRI TEMP SN		889																													
SEC TEMP SN		884																													
PRI COND SN		440 915																													
SEC COND SN		530																													
POS		TRIP DEPTH		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY			
1																															
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

1508



1541

VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-07		DSDB I.D.		STATION DESIGNATION 16															
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
165346.95N		16916.50W		19 MAY 00		1802		5.3		4.4		325		12		8651545					
SBE 9+		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		SEA STATE		VISIBILITY									
PRESS SN		DATA ON.				File Name/Header															
PRI TEMP SN		START DOWN																			
SEC TEMP SN		AT DEPTH																			
PRI COND SN		AT SURFACE																			
SEC COND SN		PAR S/N		4242		FLUOR S/N		153		CNAM S/N		109									
POS		TRIP		DEPTH		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL	
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Cleaned air bleed valve

MAX DEPTH = 1500 m





VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-107				DSDB I.D.				STATION DESIGNATION 18							
COONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	WIND WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN								
18	54	19.92	N	169	50.5	0	20	MAY	05	1	4.1	3.1	109	47	32	6	18
SBE 94	01660				JD/TIME				DATA LOCATION		File Name/Header		REMARKS		w/o = 1524		
PRESS SN	29772		DATA ON.				Tape/Diskette ID		CTD018								
PRI TEMP SN	889		START DOWN														
SEC TEMP SN	884		AT DEPTH														
PRI COND SN	480		AT SURFACE														
SEC COND SN	530																
POS. TRIP DEPTH	PAR S/N 4242		FLUOR S/N 153		CHAM S/N 109		MAX. DEPTH = 1502 m										
1	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
2	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
3	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
4	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
5	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
6	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
7	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
8	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
9	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
10	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
11	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		
12	PRESSURE		PRI TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR		CHL		

X

1575

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
NOAA Ship MILLER FREEMAN		MF-00-107														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO										
195441	02N	16912	52W	20	MAY	010453	4.0	3.1	10947295	10	8621717	19				
SBE 9+	91660				JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS					
PRESS SN	29772				DATA ON		START DOWN		AT DEPTH		AT SURFACE		Cleaned air bleed valve		MAX. DEPTH = 1501 m	
PRI TEMP SN	889				PAR SN 4242		FLUOR SN 153		CHIAM SN 109							
SEC TEMP SN	884				CTD CONVERTED MONITOR VALUES											
PRI COND SN	480				PRESSURE		PRI TEMP		SEC TEMP		SALINITY		SALINITY		WHIT'S NUTR	
SEC COND SN	530				TRIP DEPTH		SEC TEMP		SALINITY		SALINITY		SAL		CHL	
POS					1								71			
					2											
					3											
					4											
					5											
					6											
					7											
					8											
					9											
					10											
					11											
					12											

w/o  
1545

VESSEL		PROJECT & LEG		STATION DESIGNATION									
NOAA Ship MILLER FREEMAN		MF-00-107		DSDB I.D.									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIR (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
205457.80N	16844.12W	16844.12W	MAY 01 0807	0807	5.5	4.5	4	280	06	86	28035	20	
SBE 9+	91660		JDTIME										
PRESS SN	29772		DATA ON.										
PRI TEMP SN	889		START DOWN										
SEC TEMP SN	884		AT DEPTH										
PRI COND SN	480		AT SURFACE										
SEC COND SN	530		PAR S/N 4242										
POS.	TRIP DEPTH		FLUOR S/N 153										
			CHIAM S/N 109										
			CTD CONVERTED MONITOR VALUES										
			PRESSURE	PRI TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR
1										20			
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Cleaned air bleed valve

MAX. DEPTH = 1502 m

VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA Ship MILLER FREEMAN		MF-00-07		DSDB I.D.											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIR (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
215507.10N	16828.76W	20	MAY 00	1025	4.5	3.6	0.83	7	165	04	8	21705	21		
SBE 9+	TIMES		JDTIME	REMARKS											
PRESS SN	01660	29772	DATA LOCATION												
PRI TEMP SN	889	Tape/Diskette ID File Name/Header													
SEC TEMP SN	884	Cleared air bleed valve													
PRI COND SN	480915	MAX. DEPTH = 1502 m													
SEC COND SN	530	PAR SN 4242	FLUOR SN 153	CHIAM SN 109											
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
	PRESSURE	PRI TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA										
1					SALINITY										
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

1508

VESSEL		PROJECT & LEG		STATION DESIGNATION	
NOAA Ship MILLER FREEMAN		MF-00-07			
CONSC CAST #		DATE JD=		WIND SPD.	
225521		MAY 00 1306		07	
LATITUDE		LONGITUDE		WIND DIR	
21 16 13.8		131 13.8		190	
TIME (GMT)		DRY BULB (°C)		WET BULB (°C)	
1306		5.0		4.1	
TIME (HR MIN)		SEA STATE		VISIBILITY	
07 30 6		3		7	
TIME (YR MO DAY)		TIDE		CURRENT	
00 00 20		LOW		0	
TIME (JD)		DATA ON		REMARKS	
200005001306		29772		1000 m	
TIME (MIN)		START DOWN		CLEANED AIR BLEED VALVE	
13.8		13.8		[ ]	
TIME (SEC)		AT DEPTH		MAX. DEPTH =	
13.8		13.8		1000 m	
TIME (MIN)		AT SURFACE		SAMPLE BOTTLE NUMBER	
13.8		13.8		22	
TIME (SEC)		PAR S/N		SALINITY	
13.8		530		22	
TIME (MIN)		FLUOR S/N		SALINITY	
13.8		153		22	
TIME (SEC)		CHIAM S/N		SALINITY	
13.8		109		22	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	WHIT'S NUTR.
1		PRESSURE	PRL TEMP.	SEC. TEMP.	SALINITY
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

1012

461

VESSEL NOAA Ship MILLER FREEMAN		PROJECT & LEG MF-00-07		DSDB I.D.		STATION DESIGNATION																						
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		SEA STATE		WIND DIRNL (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)
23	55	23	33	16	81	2	69	W	20	MAY	00	13	58	5.9	4.0	07	37	19	80	6	8	6	2	4	6	P	2	3
SBE 9+		01650		JDTIME		TIMES		DATA ON.		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS		500 m										
PRESS SN		29772		START DOWN		AT DEPTH		AT SURFACE		Cleared air bleed valve		MAX. DEPTH = 458 m																
PRI TEMP SN		889		FLUOR SN 153		PAR SN 4242		CTD CONVERTED MONITOR VALUES		CHIAM SN 109		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL		23		NUTR		CHL		WHIT'S NUTR				
SEC TEMP SN		884		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SALINITY		SALINITY		SAL		NUTR		CHL		WHIT'S NUTR						
PRI COND SN		480		2		3		4		5		6		7		8		9		10		11		12				
SEC COND SN		530		TRIP DEPTH		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SALINITY		SALINITY		SAL		NUTR		CHL		WHIT'S NUTR				





VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																													
NOAA Ship MILLER FREEMAN		MF-00-107																																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRLN (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	°C	°C	mb	mb	mb	deg	deg	m/s	m/s	%	%			(m)										
25	5	56	9	18	7	N	1	6	9	0	6	6	W	2	1	1	0	4	7	3	4	6	1	4	8	6	2	1	3	3	2	5			
SBE 9+	916.60				MAY 01 13 5				3.0		2.1		10.4		4		73		46		14		86		213		25								
PRESS SN	29772																														REMARKS Peick Canyon				
PRI TEMP SN	889																																		
SEC TEMP SN	884																																		
PRI COND SN	440		915																																
SEC COND SN	530																																		
POS	TRIP	PAR SN 4242		FLUOR SN 153		CHIAM SN 109																													
DEPTH																																			
1																																			
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

611

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
NOAA Ship MILLER FREEMAN		MF-00-107				26											
COONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIR (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
265559.97N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(amt)		
	16	07	20	07	MAY	00	15	21	3.1	1.1	1.1	37	33	00	86	21	26
SBE 9+	TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	DATA ON.		Tape/Diskette ID		File Name/Header												
PRI TEMP SN	START DOWN																
SEC TEMP SN	AT DEPTH																
PRI COND SN	AT SURFACE																
SEC COND SN	PAR S/N 4242		FLUOR S/N 153		Chiam S/N 109												
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
		PRESSURE	PRI TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL	NUTR.	CHL.	WHIT'S NUTR.							
1							06										
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

608

1157

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION															
NOAA Ship MILLER FREEMAN		MF-00-07																			
CONSC CAST #	LATITUDE		LONGITUDE			DATE JD=			TIME (GMT)		DRY BULB	WET BULB	SEA STATE	WIND DIR	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)			(m)			
275600	00	87	N	169	04	57	W	91	MAY	00	23	41	3.0	2.0	093631	5	10	863	1508	27	
SBE 9+	916.60					JD/TIME															
PRESS SN	29772		DATA ON			Tape/Diskette ID		File Name/Header													
PRI TEMP SN	889		START DOWN																		
SEC TEMP SN	884		AT DEPTH																		
PRI COND SN	480915		AT SURFACE																		
SEC COND SN	530		PAR S/N 4242			FLUOR S/N 153		CHIAM S/N 109													
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																			
1		PRESSURE	PRI TEMP.	SEC TEMP	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL	CHL	WHIT'S NUTR.										
2									26												
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Cleaned air bleed valve

MAX. DEPTH = 1102 m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
NOAA Ship MILLER FREEMAN		MF-00-07																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										MIN
2853	56.94	N	147.58	106	W	22	MAY	00	1530							1229	28	
SBE 9+	91660		JD/TIME														REMARKS	
PRESS SN	29772		DATA ON.														5. Side Bopaslot	
PRI TEMP SN	889		START DOWN															
SEC TEMP SN	884		AT DEPTH														<input type="checkbox"/> Cleaned air bleed valve	
PRI COND SN	480		AT SURFACE														MAX. DEPTH = 200 m	
SEC COND SN	530		PAR S/N 4242		FLUOR S/N 153		CHIAM S/N 109											
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES												SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER	
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

200

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
NOAA Ship MILLER FREEMAN		MF-00-07				29	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		WIND DIRN (m/s)
	DEG	MIN	DEG	MIN	DAY	MO	
29535.6.85	N	16757.96	W	22	MAY	00	2005
SBE 9+	TIME		JD/TIME		DATA LOCATION		WIND SPD. (m/s)
PRESS SN	DATA ON		Tape/Diskette ID		File Name/Header		
PRI TEMP SN	START DOWN						WIND DIRN (deg)
SEC TEMP SN	AT DEPTH						
PRI COND SN	AT SURFACE						WIND DIRN (deg)
SEC COND SN	AT SURFACE						
TRIP DEPTH	PAR S/N 4242		FLUOR-SNT 53		CHIAM S/N 109		WIND DIRN (deg)
POS.	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
1	PRESSURE	PRI TEMP	SEC TEMP	SALINITY	SALINITY	SAL	CHL
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

OK 201

REMARKS Please test

Cleaned air bleed valve

MAX. DEPTH = m