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VESSEL		PROJECT & LEG				STATION DESIGNATION							
NOAA RV MILLER FREEMAN		MF03-06				WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER	
CONSEC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DAY MO YR		HR MIN		(°C)		(m)			
0015324.00 N		16851.80 W		07 MAY 03		0927		6.8		1324			
SBE 9Plus		91220A		JD/TIME		Tape/Diskette ID		RAH 99.1		DATA LOCATION		REMARKS	
PRESS SN		80020										03 BSP-6A DEPLOYMENT	
PRI COND		915										Bottle Reversed cast 009	
PRI TEMP		710										NO WETStar (too deep)	
SEC COND		530										MAX. DEPTH = m	
SEC TEMP		884										<input type="checkbox"/> WETStar S/N 868P <input checked="" type="checkbox"/> PAR S/N 4242 <input checked="" type="checkbox"/> Cleaned air bleed valve	
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S							
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	NUTR.		
1	1002 5-m from bottom												
2	980-m												
3	150-m												
4	100-m												
5	75-m												
6	50-m												
7	40-m												
8	30-m												
9	20-m												
10	10-m												
11	0-m												
12													

\*CTD "CURRENT" DIRECTORY HAD FILES ALREADY IN IT SO STARTED NUMBERING FOR FIRST CAST - AT 10





VESSEL		PROJECT & LEG				STATION DESIGNATION																	
NOAA RV MILLER FREEMAN		IMF03-06				WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID							
CONSEC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)		SEA STATE		PRESSURE (mb)		WIND DIRN. (deg)		WIND SPD. (m/s)							
0045249.51N		16928.00W		07 MAY 03		2221		6.3		17		24804											
SBE 9Plus		91220A		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN		80020				START DOWN		92013		03SGP-1A DEPLOYMENT													
PRI COND		915				AT DEPTH																	
PRI TEMP		710				AT SURFACE																	
SEC COND		530				WETStar S/N 868P		PAR S/N 4242		Cleaned air bleed valve						MAX. DEPTH = 240 m							
SEC TEMP		884																					
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1		5-m from bottom												33.3824		49		✓					
2		-200m																✓					
3		-450m																✓					
4		-100m																✓					
5		both 75m																✓					
6		200																✓					
7		175																✓					
8		150																✓					
9		100																✓					
10		50																✓					
11		Sand 10m																✓					
12		Sand 10m																✓					





VESSEL		PROJECT & LEG				STATION DESIGNATION																	
NOAA RV MILLER FREEMAN		MF03-06				WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID							
CONSEC CAST #		LONGITUDE		DATE JD= 128		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY							
007		52 23.72 N		168 28.22 W		08 MAY 03		12 13		17		17		281		14							
SBE 9Plus		91220A		TIMES		JD/TIME		DATA LOCATION															
PRESS SN		80020		DATA ON				5-6'															
PRI COND		915		START DOWN				File Name/Header															
PRI TEMP		710		AT DEPTH				CTD016															
SEC COND		530		AT SURFACE				MAX. DEPTH = m															
SEC TEMP		884		WETStar S/N 868P		PAR S/N 4242		Cleaned air bleed valve															
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1		1500		6-m-from-bottom												<del>48</del>							
2		200m																					
3		150m																					
4		100m																					
5		75m																					
6		50m																					
7		40m																					
8		30m																					
9		20m																					
10		10m																					
11		0m																					
12																							

REMARKS  
 Bottle Reused Cast 008  
 Water depth ~ 3300m  
 Cast depth 1500m  
 03ASP-8A site





VESSEL NOAA R/V MILLER FREEMAN		PROJECT & LEG MF03-06				STATION DESIGNATION					
CONSEC CAST #		LATITUDE		DATE JD= 130		TIME (GMT)		WIND DIRN.		WIND SPD.	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)	
009 52 25.64 N		171 40.24 W		10 MAY 03		06 50		300		04	
SBE 9Plus		TIMES		JD/TIME		Tape/Diskette ID		SEA STATE		PRESSURE	
91220A		DATA ON				File Name/Header		VISIBILITY		CLOUD (amt)	
80020		START DOWN				C110018		.		.	
915		AT DEPTH						.		.	
710		AT SURFACE						.		.	
530		WETStar S/N 868P		WETStar S/N 868P				.		.	
884		PAR S/N 4242		PAR S/N 4242				.		.	
MAX. DEPTH =		Cleaned air bleed valve						.		.	
m								.		.	

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER		WHIT'S NUTR.
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	
1	5 m from bottom										
2	200-m										
3	150-m										
4	400-m										
5	46-m										
6	150-m										
7	40-m										
8	20-m										
9	20-m										
10	40-m										
11	0-m										
12											

REMARKS  
 03AMP 2A DEPLOYMENT  
 02AMP-JB RECOVERY

DATA LOCATION  
 REL HUMID=91.4

REL HUMID=91.4







VESSEL		PROJECT & LEG				STATION DESIGNATION											
NOAA RV MILLER FREEMAN		MF03-06				WIND DIRN.		WIND SPD.		CLOUD (am)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
CONSEC CAST #		LONGITUDE		DATE		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY	
013		178.13.17		13 MAY 03		21:40		14		14		260		23		15.6	
SBE 9Plus		91220A		TIMES		JD/TIME		DATA LOCATION		REMARKS		Tape/Diskette ID		File Name/Header		MAX. DEPTH =	
PRESS SN		80020		DATA ON		START DOWN		AT DEPTH		AT SURFACE		WETStar S/N 868P		PAR S/N 4242		Cleared air bleed valve	
PRI COND		915		START DOWN		AT DEPTH		AT SURFACE		WETStar S/N 868P		PAR S/N 4242		Cleared air bleed valve		m	
PRI TEMP		710		START DOWN		AT DEPTH		AT SURFACE		WETStar S/N 868P		PAR S/N 4242		Cleared air bleed valve		m	
SEC COND		530		START DOWN		AT DEPTH		AT SURFACE		WETStar S/N 868P		PAR S/N 4242		Cleared air bleed valve		m	
SEC TEMP		884		START DOWN		AT DEPTH		AT SURFACE		WETStar S/N 868P		PAR S/N 4242		Cleared air bleed valve		m	
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S											
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	NUTR.						
1	5 m from bottom						33.3898	19									
2	25 m																
3	45 m																
4	65 m																
5	85 m																
6	105 m																
7	125 m																
8	145 m																
9	165 m																
10	185 m																
11	205 m																
12	225 m																

recovery of  
02 TG-1A

CTD 022.Dat





VESSEL		PROJECT & LEG				STATION DESIGNATION											
NOAA RV MILLER FREEMAN		MF03-06				WIND DIRN.		WIND SPD.		CLOUD (am)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
CONSEC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (am)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
016	57 50.92 N	168 51.92 W	13 MAY 03	22 39	3.3	3.3	10			5803	5803			72			
SBE 9Plus	91220A	TIMES		JD/TIME	REMARKS												
PRESS SN	80020	DATA ON			0385-4A deployment												
PRI COND	915	START DOWN			10 m/min												
PRI TEMP	710	AT DEPTH			MAX. DEPTH = m												
SEC COND	530	AT SURFACE			Cleaned air bleed valve												
SEC TEMP	884	<input checked="" type="checkbox"/> WETStar S/N 868P	<input checked="" type="checkbox"/> PAR S/N 4242														
CTD CONVERTED MONITOR VALUES																	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	SAMPLE BOTTLE NUMBER					WHIT'S NUTR.	
1	65 5-m-from-bottom						32.2097	32									
2	200-m																
3	450-m																
4	400-m																
5	75-m																
6	50-m																
7	40-m																
8	60-m																
9	20-m																
10	10-m																
11	5-m																
12																	

0385-4A deployment

FILE NAME/HEADER  
CTD0025

REL HUM = 71.2  
DATA LOCATION





VESSEL		PROJECT & LEG				STATION DESIGNATION													
NOAA RV MILLER FREEMAN		MF03-06				SEA STATE		WIND DIRN.		WIND SPD.		GLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
CONSEC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	VISIBILITY	WIND DIRN.	WIND SPD.	GLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
DEG	MIN	DEG	MIN	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)			(m)						
01856	51.89 N	16403.88 W	14 MAY 03	2237	2.4		15		026	01			72						
SBE SPlus		TIMES		JD/TIME		DATA LOCATION												REMARKS	
91220A		DATA ON				REL HUMID = 94.9												03BSP-2B	
PRESS SN		START DOWN				Tape/Diskette ID												03BSP-2A deployment	
915		AT DEPTH				File Name/Header												10 m/min	
PRI TEMP		AT SURFACE				C1D027													
SEC COND		AT SURFACE				Cleaned air bleed valve												MAX DEPTH = m	
SEC TEMP		WETSar S/N 868P		PAR S/N 4242															
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	SAMPLE BOTTLE NUMBER							WHIT'S NUTR.	
1	5 m from bottom						31.9321	35											
2	300m																		
3	120m																		
4	100m																		
5	75m																		
6	50m																		
7	40m																		
8	30m																		
9	20m																		
10	10m																		
11	6m																		
12																			