

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																
R/V Maurice Ewing		EW02-05 Leg 2																				
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR								MIN	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	STA. NAME/ID
001	56	43.8	N	152	32.4	7	W	26	M	A	Y	0	2	23	52	00.3	01	06	5	20	01538CA-5	
SBE 9+	S8450-209		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN	53586		DATA ON																		On May 13-14-11	
PRI TEMP SN	696		START DOWN																		Bottle did not fire	
SEC TEMP SN	31450		AT DEPTH																		<input checked="" type="checkbox"/> Cleaned air bleed valve	
PRI COND SN	42490		AT SURFACE																		MAX. DEPTH = m	
SEC COND SN	197		PAR SN		A603		FLUOR SN		623P													
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.				
1	143													50	1							
2	125														2							
3	100														3							
4	75														4							
5	50														5							
6	40														6							
7	30														7							
8	20														8							
9	10														9							
10	1														10							
11															11							
12																						

CAST

001-030

Did not fire

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION					
R/V Maurice Ewing		EW02-05 Leg 2													
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)		WET BULB	DRY BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
002	56 43.06 N	152 30.05 W	20 MAY 02	0117	08.3									0166	BC A04
SBE 9+	TIMES		JD/TIME	DATA LOCATION				REMARKS							
	93450-208		147	Tape/Diskette ID File Name/Header											
PRESS SN	DATA ON														
PRI TEMP SN	START DOWN														
SEC TEMP SN	AT DEPTH														
PRI COND SN	AT SURFACE														
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P										
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	156						5/	12							
2	125							13							
3	100							14							
4	75							15							
5	50							16							
6	40							17							
7	30							18							
8	20							19							
9	10							20							
10	1		Did not find												
11															
12															

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION BCA 03															
CONSC CAST #		LONGITUDE		DATE JD= 147		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
003		5642.29N 15227.53W		727 MAY 02		0340		66		17		8				186		BCA 03			
SBE 9+		2345078		TIMES		JD/TIME		DATA LOCATION		REMARKS											
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header													
PRI TEMP SN		6946		START DOWN																	
SEC TEMP SN		31460		AT DEPTH																	
PRI COND SN		42490		AT SURFACE																	
SEC COND SN		197																			
PAR S/N		4603																			
FLUOR S/N		623P																			
CTD CONVERTED MONITOR VALUES		SALINITY		SEC. TEMP		PRI. TEMP.		PRESSURE		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1		176												52		22					
2		125														23					
3		100														24					
4		75														25					
5		50														26					
6		40														27					
7		30														28					
8		20														29					
9		10														30					
10		0														31					
11																					
12																					

Cleaned air bleed valve

MAX. DEPTH = 176 m

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION BCA02	
LATITUDE		LONGITUDE		DATE JD= 147		TIME (GMT)	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR
004	56.41	152	25.14	W	27	M	05
SBE 9+ 92450-209		JD/TIME		DATE		TIME	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 6086		START DOWN		Tape/Diskette ID		File Name/Header	
SEC TEMP SN 31460		AT DEPTH		Tape/Diskette ID		File Name/Header	
PRI COND SN 42490		AT SURFACE		Tape/Diskette ID		File Name/Header	
SEC COND SN 197		AT SURFACE		Tape/Diskette ID		File Name/Header	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		FLUOR S/N 623P		PAR S/N 4103	
POS.	DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER
1	168					SAL. 53	NUTR. 32
2	125						33
3	100						34
4	75						35
5	50						36
6	40						37
7	30						38
8	20						39
9	10						40
10	01						41
11							
12							

Cleaned air bleed valve

MAX. DEPTH = m

DATA LOCATION

TIMES

REMARKS

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Maurice Ewing		EW02-05 Leg 2				BCA01	
DR		DATE JD= 147		TIME (GMT)		WIND DIRN.	
LATITUDE		DATE		TIME		WIND SPD.	
DEG MIN		DAY MO YR		HR MIN		(m/s)	
15 22 22.71		27 MAY 02		06 18		16	
LONGITUDE		TIME		WIND DIRN.		WIND SPD.	
DEG MIN		JD/TIME		Tape/Diskette ID		(m/s)	
152 22 22.71		4603		File Name/Header		16	
CONSC CAST #		SBE 9+		PRESSURE		SEA STATE	
005		9340-209		(mb)		* * *	
PRESS SN		DATA ON		WET BULB		CLOUD (amt)	
535810				(°C)		* * *	
PRI TEMP SN		START DOWN		DRY BULB		WEATHER	
6916				(°C)		* * *	
SEC TEMP SN		AT DEPTH		WET BULB		* * *	
21460				(°C)		* * *	
PRI COND SN		AT SURFACE		DRY BULB		* * *	
42490				(°C)		* * *	
SEC COND SN		PAR S/N		FLUOR S/N		REMARKS	
197		4603		623P		Cleaned air bleed valve	
TRIP DEPTH		PRESSURE		PRI TEMP.		SALINITY	
80						SALINITY	
50						SALINITY	
40						SALINITY	
30						SALINITY	
20						SALINITY	
10						SALINITY	
01						SALINITY	
8						SALINITY	
9						SALINITY	
10						SALINITY	
11						SALINITY	
12						SALINITY	
POS.		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1		PRESSURE		PRI TEMP.		SAL.	
2		SEC. TEMP.		SEC. TEMP.		NUTR.	
3		SALINITY		SALINITY		CHL.	
4		SALINITY		SALINITY		WHIT'S NUTR.	
5		SALINITY		SALINITY		SAL.	
6		SALINITY		SALINITY		NUTR.	
7		SALINITY		SALINITY		CHL.	
8		SALINITY		SALINITY		WHIT'S NUTR.	
9		SALINITY		SALINITY		SAL.	
10		SALINITY		SALINITY		NUTR.	
11		SALINITY		SALINITY		CHL.	
12		SALINITY		SALINITY		WHIT'S NUTR.	

VESSEL RV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 147		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	*											
00856		58	17	N	152	31	49	W	27	M	A	Y	0	2	11	41	07	15				01	57	BCB2			
SBE 9+		93450-209		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS															
		53586										Cleaned air bleed valve <input checked="" type="checkbox"/>															
PRI TEMP SN		696		START DOWN		AT DEPTH		AT SURFACE		FLUOR SN		623P															
SEC TEMP SN		31460								PAR SN		4603															
PRI COND SN		42490								CTD CONVERTED MONITOR VALUES																	
SEC COND SN		197								PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT's NUTR.	
POS.	TRIP DEPTH																										
1	149																			57		69					
2	125																					70					
3	100																					71					
4	75																					72					
5	50																					73					
6	40																					74					
7	30																					75					
8	20																					76					
9	10																					77					
10	0																					78					
11																											
12																											

vent left OPEN

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 147		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
010	57 09.20 N	152 16.50 W	27	MAY 02	1459	07.7	96	99%	050	17				0080	ABAI	
SBE 9+	93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	686		START DOWN													
SEC TEMP SN	31400		AT DEPTH													
PRI COND SN	42A90		AT SURFACE													
SEC COND SN	197															
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.			
1	76	16								59	89					
2	50										90					
3	40										91					
4	30										92					
5	20										93					
6	10										94					
7	0										95					
8																
9																
10																
11																
12																

JAX

Chl Max @ Insigific.

Cleaned air bleed valve

MAX. DEPTH = m

FLUOR SN 623P

PAR SN 4603

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0115711199N		15210.1		19W27MA		Y021604		07.5		105		15						0082		ABA2	
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN		53586		DATA ON																	
PRI TEMP SN		686		START DOWN																	
SEC TEMP SN		31460		AT DEPTH																	
PRI COND SN		42490		AT SURFACE																	
SEC COND SN		197		PAR SN		4603		FLUOR SN		623P											
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 75														60		96					
2 50																97					
3 40																98					
4 30																99					
5 20																100					
6 10																101					
7 0																102					
8																					
9																					
10																					
11																					
12																					

BOTTLE DIDN'T TRIP. IN POS #3 INSTEAD OF #2

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
R/V Maurice Ewing		EW02-05 Leg 2																
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 (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO												YR
01257	14	68 N	152	03	60 W	27	M	A	Y	02	17	16	07	5	96	0096	ABAB3	
SBE 9+	93450-209																	
PRESS SN	53586																	
PRI TEMP SN	690																	
SEC TEMP SN	31460																	
PRI COND SN	42490																	
SEC COND SN	197																	
TRIP DEPTH																		
1	60																	
2	50																	
3	40																	
4	30																	
5	20																	
6	10																	
7	0																	
8																		
9																		
10																		
11																		
12																		

DATA LOCATION

Tape/Diskette ID File Name/Header

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.
1	60								61	101		
2	50								102			
3	40								103			
4	30								104			
5	20								105			
6	10								106			
7	0								107			
8												
9												
10												
11												
12												

FLUOR SN 623P

PAR SN 463

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
R/V Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0116	57° 06' 08" N	151° 58' 51" W	27	MAY	2002	23	23	7.8		924.7	0	2	8	2	8		74	AB302
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		CHL MAX @ ~ 16m									
PRI TEMP SN	696		START DOWN						<input type="checkbox"/> Cleaned air bleed valve									
SEC TEMP SN	31460		AT DEPTH						MAX. DEPTH = 67 m									
PRI COND SN	42940		AT SURFACE															
SEC COND SN	197		PAR SN 4603		FLUOR SN 623P													
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SAL.		NUTR.	CHL.	WHIT'S NUTR.	SAMPLE BOTTLE NUMBER	
1	67											65		129				
2	50													130				
3	40													131				
4	30													132				
5	20													133				
6	10													134				
7	0													135				
8																		
9																		
10																		
11																		
12																		

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION							
R/V Maurice Ewing		EW02-05 Leg 2															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 148		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
017	57° 08.61' N	151° 52.88' W	28	MAY	10	2002	00	27	7.7	1.1	92	56	07	8	2	75	ABB03
SBE 9+	3450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN	535 86		DATA ON		Tape/Diskette ID		File Name/Header		Cleaned air bleed valve								
PRI TEMP SN	696		START DOWN														
SEC TEMP SN	31460		AT DEPTH														
PRI COND SN	42940		AT SURFACE														
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAL.		NUTR.	CHL.	WHIT'S NUTR.	SAMPLE BOTTLE NUMBER		
1	68									66		1			1		
2	50											2			2		
3	40											3			3		
4	30											4			4		
5	20											5			5		
6	10											6			6		
7	0											7			7		
8																	
9																	
10																	
11																	
12																	

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2																					
DR		LATITUDE		LONGITUDE		DATE JD= 148		TIME (GMT)		WET BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
01957		13.56N		15142.30W		28 MAY 02		0316		7.8		085		2.6						53		ABBDAS	
SBE 9+		93450-209		TIMES		JD/TIME				DATA LOCATION						REMARKS							
PRESS SN		53586		DATA ON						Tape/Diskette ID		File Name/Header				Actual depth							
PRI TEMP SN		696		START DOWN																			
SEC TEMP SN		31460		AT DEPTH																			
PRI COND SN		42940		AT SURFACE																			
SEC COND SN		197		PAR SN 4603		FLUOR SN 6237																	
POS. TRIP DEPTH																							
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

No bottles taken because of depth error. Put down trace should be valid.

Cleaned air bleed valve

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																		
R/V Maurice Ewing		EW02-05 Leg 2																						
LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		DRY BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	*	*	*	(m)							
0205	719.95	N	15130.01	W	28	M	A	Y	02	07	12	7.8		115	1104	18	8	5		79	C	B	A	01
SBE 9+		TIMES		JD/TIME		99%		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 SN		4603		FLUOR SN		6233																
TRIP DEPTH		CTD CONVERTED MONITOR VALUES																						
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.											
1	70									68	15													
2	50										16													
3	40										17													
4	30										18													
5	20										19													
6	10										20													
7	0										21													
8																								
9																								
10																								
11																								
12																								

DATA NOT STORED TO DISK

↑

VESSEL R/V Maurice Ewing			PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION																								
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 148		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 (m)		STA. NAME/ID					
0215722.05N		151.25.72W		28 MA Y 02		081507.8		91												07523						0157CB AOR									
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		Ch Max @ 0.25 M.																			
PRESS SN		53586		DATA ON																															
PRI TEMP SN		696		START DOWN																															
SEC TEMP SN		31460		AT DEPTH																															
PRI COND SN		42940		AT SURFACE																															
SEC COND SN		197		PAR SN		4603		FLUOR SN		6232																									
POS. TRIP DEPTH								CITD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.															
1 143										PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SALINITY		SALINITY				69		22									
2 125																										23									
3 100																										24									
4 75																										25									
5 50																										26									
6 40																										27									
7 20																										28									
8 20																										29									
9 10																										30									
10 0																										31									
11																																			
12																																			

DATA NOT STORED TO DISK

DATA LOCATION

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION															
RV Maurice Ewing		EW02-05 Leg 1																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
02257		24.13 N		151.21 W		28 MAY 02		0926		17.7		.1		070		22						0173CB		BA03	
SBE 9+		93450-209		TIMES		JD/TIME		59%		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN		53586		DATA ON																					
PRI TEMP SN		696		START DOWN																					
SEC TEMP SN		31460		AT DEPTH																					
PRI COND SN		42940		AT SURFACE																					
SEC COND SN		197		PAR SN		4603		FLUOR SN		6237															
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1	102																	90		32					
2	150																			33					
3	125																			34					
4	100																			35					
5	75																			36					
6	50																			37					
7	40																			38					
8	30																			39					
9	20	TWO BOTTLES COLLECTED		OOPS!																40					
10	20																			41					
11	10																			42					
12																									

Cleaned air bleed valve

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																							
R/V Maurice Ewing		EW02-05 Leg 7																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 148		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0245927.90N		151.13.19W		28 MAY 02		120307.7		88		06520																0090 CBA5			
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN		53586		DATA ON																									
PRI TEMP SN		696		START DOWN																									
SEC TEMP SN		3460		AT DEPTH																									
PRI COND SN		42490		AT SURFACE																									
SEC COND SN		197		PAR S/N		4603		FLUOR S/N		623P																			
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																									
1		80		PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.							
2		50																											
3		40																											
4		30																											
5		20																											
6		10																											
7		0																											
8																													
9																													
10																													
11																													
12																													

LB

DATA LOCATION

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
				JD		HR MIN		(deg)		(m/s)				(m)			
0275729.24 N		151.30.41 W		28 MAY 02		173707.4		05020		05020				9160		CBB3	
SBE 9+ 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header		Ch Max @ 10M									
PRI TEMP SN 696		START DOWN															
SEC TEMP SN 31460		AT DEPTH															
PRI COND SN 42490		AT SURFACE															
SEC COND SN 197		PAR S/N 4603		FLUOR S/N 623P													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL	
1 148												75		75			
2 125														76			
3 100														77			
4 75														78			
5 50														79			
6 40														80			
7 30														81			
8 20														82			
9 10														83			
10 0														84			
11																	
12																	

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

WHIT'S NUTR.

VESSEL		PROJECT & LEG				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 7				DSDB I.D.											
CONSC CAST #		LONGITUDE		DATE JD= 148		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
028		15 134.44 W		28 MAY 02		19 13 07.5		035		23				9114		CBB2	
SBE 9+		93450-209		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN		53586		DATA ON								Chl Max @ 10M					
PRI TEMP SN		696		START DOWN								<input checked="" type="checkbox"/> Cleaned air bleed valve					
SEC TEMP SN		31460		AT DEPTH													
PRI COND SN		42490		AT SURFACE													
SEC COND SN		197						FLUOR SN 623P									
POS. TRIP DEPTH								PAR SN 4603									
								CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1		102								PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY	
2		75								SALINITY						SAL.	
3		50								SALINITY						NUTR.	
4		40								SALINITY						CHL.	
5		30								SALINITY						WHIT'S NUTR.	
6		20								SALINITY							
7		10								SALINITY							
8		0								SALINITY							
9										SALINITY							
10										SALINITY							
11										SALINITY							
12										SALINITY							

What about 85? L/R

* Nutrient bottle #93 was not collected from this cast (was on east side) only 7 collected here? or off by one entry? DR

VESSEL		PROJECT & LEG				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
CONSC. CAST #	LATITUDE	LONGITUDE		DATE JD= 149		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
03258	57.03 N	150	55.08 W	29	MAY	02	1004	08.40	3	87	060	25		0156	GP3
SBE 9+	93450-209	TIMES				JD/TIME				DATA LOCATION					
PRESS SN	53586	DATA ON				Tape/Diskette ID				File Name/Header					
PRI TEMP SN	696	START DOWN													
SEC TEMP SN	31450	AT DEPTH													
PRI COND SN	42490	AT SURFACE													
SECCOND SN	197	<input checked="" type="checkbox"/> PAR SN 4603				<input checked="" type="checkbox"/> FLUOR SN 623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES													
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.			
1	144								51	120					
2	125									121					
3	100									122					
4	75									123					
5	50									124					
6	40									125					
7	30									126					
8	20									127					
9	10									128					
10	0									129					
11															
12															

REMARKS
Chl Max @ 0-46M
 Cleaned air bleed valve
MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																							
R/V Maurice Ewing		EW02-05 Leg 2																											
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID			
035504		15051.99N		1999W		142708		108.088		108.088		0185		0185		0185		0185		0185		0185		0185		0185		0185	
SBE 9+		93450-209		JD/TIME		Tape/Diskette ID		File Name/Header																					
PRESS SN		53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE																			
PRI TEMP SN		696																											
SEC TEMP SN		31450																											
PRI COND SN		42490																											
SEC COND SN		197																											
POS. TRIP DEPTH				PAR SN		4603		FLUOR SN		623P																			
				CTD CONVERTED MONITOR VALUES																									
1		174		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
2		150																											
3		125																											
4		100																											
5		75																											
6		50																											
7		40																											
8		30																											
9		20																											
10		10																											
11		0																											
12		0																											

REMARKS
Ch Mex @ 0-20M
 Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																
R/V Maurice Ewing		EW02-05 Leg 2																								
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID					
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB (°C)	WET BULB (°C)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND DIRN. (deg)	WIND SPD. (m/s)		
	036	58	35	54	N	150	47	00	W	29	M	A	Y	0	2	16	21	08	2	08	2	0	1	84	GP7	
SBE 9+	93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN	53586		DATA ON																							
PRI TEMP SN	696		START DOWN																							
SEC TEMP SN	31450		AT DEPTH																							
PRI COND SN	42490		AT SURFACE																							
SEC COND SN	197																									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																								
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.													
1	172									55	23															
2	150										24															
3	125										25															
4	100										26															
5	75										27															
6	50										28															
7	40										29															
8	30										30															
9	20										31															
10	10										32															
11	0										33															
12																										

Handwritten signature/initials

FLUOR SN 623P

PAR SN 4603

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																
R/V Maurice Ewing		EW02-05 Leg 2																								
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID									
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										MIN	PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
03750	25	43	N	150	43	16	17	W	29	M	A	Y	02	18	15	08	20	00	75	SP8						
SBE 9+	93450-209		JD/TIME		DATE		TIME		WET BULB		DRY BULB		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header																			
PRI TEMP SN	696		START DOWN																							
SEC TEMP SN	31450		AT DEPTH																							
PRI COND SN	42490		AT SURFACE																							
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P																	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																								
1	60	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.						
2	50																56	34								
3	40																	35								
4	30																	36								
5	20																	37								
6	10																	38								
7	0																	39								
8																		40								
9																										
10																										
11																										
12																										

REMARKS
Ch Max @ 0-10M
 Cleaned air bleed valve
MAX. DEPTH = m

VESSEL RAV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.		STATION DESIGNATION																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 149		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			
038581		16.03N		15039.63W		29 M A Y 0 2		194407.9		07.809		07.809		0809		04019		04019		0063		6P9		0063		6P9					
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																	
PRESS SN		53586		DATA ON																											
PRI TEMP SN		696		START DOWN																											
SEC TEMP SN		31450		AT DEPTH																											
PRI COND SN		42490		AT SURFACE																											
SEC COND SN		197		<input checked="" type="checkbox"/> PAR SN		4603		<input checked="" type="checkbox"/> FLUOR SN		623P																					
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER															
1		50		PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR.		CHL		WHIT'S NUTR.									
2		40																													
3		30																													
4		20																													
5		10																													
6		0																													
7																															
8																															
9																															
10																															
11																															
12																															

* Believe salinity bottle #57 was resampled on the next cast (039). Hence, no salinity for this cast.

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION						
R/V Maurice Ewing		EW02-05 Leg 2														
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
03958	11.21 N	150	37.55 W	29	MAY	20	50	7.9	9.0	038	18				1106	Pa i
SBE 9+	93450-209	TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS				
PRESS SN	53586	DATA ON										CHK MAX → none				
PRI TEMP SN	696	START DOWN										<input type="checkbox"/> Cleaned air bleed valve				
SEC TEMP SN	31450	AT DEPTH										MAX. DEPTH =		m		
PRI COND SN	42490	AT SURFACE														
SEC COND SN	197	<input checked="" type="checkbox"/> PAR SN 4603		<input checked="" type="checkbox"/> FLUOR SN 623P												
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
1	103											SAL.		NUTR.	CHL.	WHIT'S NUTR.
2	75											57		47		
3	50													48		
4	40													49		
5	30													50		
6	20													51		
7	10													52		
8	0													53		
9														54		
10																
11																
12																

VESSEL		PROJECT & LEG				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05		Leg 2		DSDB I.D.											
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/D	
0405806.35N		15035.32W		29 MAY 012		2206		067		16				150GP10			
SBE 9+		TIMES		JD/TIME		TIME (GMT)		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/D	
03450-209		DATA ON															
PRESS SN		START DOWN															
53586		AT DEPTH															
PRI TEMP SN		AT SURFACE															
696		AT SURFACE															
SEC TEMP SN		AT SURFACE															
31450		AT SURFACE															
PRI COND SN		FLUOR SN															
62440		623P															
SEC COND SN		PAR SN															
197		4603															
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SALINITY		SEC. TEMP		PRI. TEMP.		PRESSURE		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
1 144												SALINITY		SAL.		CHL.	
2 125												SALINITY		55		55	
3 100												SALINITY		56		56	
4 75												SALINITY		57		57	
5 50												SALINITY		58		58	
6 40												SALINITY		59		59	
7 30												SALINITY		60		60	
8 20												SALINITY		61		61	
9 10												SALINITY		62		62	
10 0												SALINITY		63		63	
11												SALINITY		64		64	
12												SALINITY					

Cleaned air bleed valve

MAX. DEPTH = 144 m

REMARKS
CHL MAX ~10m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																			
R/V Maurice Ewing		EW02-05 Leg 2																											
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 (m)	STA. NAME/ID													
	DEG	MIN	DEG	MIN	DAY	MO											YR	HR	MIN	PRESSURE (mb)	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
041	573	9.02	N	149	23	10	6	30	M	A	Y	0	2	03	58	8.4	9.3	93	75	14						1250	PR16		
SBE 9+	43450-209		TIMES		JD/TIME				DATA LOCATION						REMARKS														
PRESS SN	53586		DATA ON						Tape/Diskette ID		File Name/Header																		
PRI TEMP SN	696		START DOWN																										
SEC TEMP SN	31450		AT DEPTH																										
PRI COND SN	42490		AT SURFACE																										
SEC COND SN	197		PAR SN		4603		FLUOR SN		A/A																				
POS.	TRIP DEPTH																												
1	1100																												
2	900																												
3	700																												
4	500																												
5	300																												
6	200																												
7	100																												
8	75																												
9	50																												
10	30																												
11	10																												
12	0																												

bucket

VESSEL RV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 150		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0425744.76 N		74.76 N		149.26.66 W		30 MAY 02		0617		8.2		9.9		95		6112		12		862		PR15					
SBE 9+		93450-200		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN		53586		DATA ON																							
PRI TEMP SN		696		START DOWN																							
SEC TEMP SN		31450		AT DEPTH																							
PRI COND SN		42490		AT SURFACE																							
SEC COND SN		197		PAR SN		4603		FLUOR SN		N/A																	
TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1		826		PRESSURE				SALINITY		SALINITY		SAL.		60		NUTR.		72		CHL		WHIT'S NUTR.					
2		700																									
3		500																									
4		300																									
5		200																									
6		100																									
7		75																									
8		50																									
9		30																									
10		20																									
11		10																									
12		0																									

bucket

VESSEL RV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		DATE JD= 150		WIND DIRN. (deg)		WIND SPD. (m/s)	
LATITUDE		TIME (GMT)		SEA STATE		CLOUD (amt)	
LONGITUDE		DRY BULB (°C)		PRESSURE (mb)		WEATHER	
DEG MIN		HR MIN		WET BULB (°C)		STA. NAME/ID	
14930.11		0816		200.196		0375	
11 W 30		MAY 02		04015		PRIA	
SBE 9+ 93450-209		DATA ON		Tape/Diskette ID		REMARKS	
53586		START DOWN		File Name/Header		Ch Max 0-10M	
696		AT DEPTH				<input checked="" type="checkbox"/> Cleaned air bleed valve	
31450		AT SURFACE				MAX. DEPTH = m	
42490		FLUOR SN 623P					
197		PAR SN 4603					
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 366		PRESSURE		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
2 300		PRI. TEMP.		SALINITY		61 1	
3 250		SEC. TEMP.		SALINITY		2 3	
4 200		SEC. TEMP.		SALINITY		4 5	
5 150		SEC. TEMP.		SALINITY		6 7	
6 100		SEC. TEMP.		SALINITY		8 9	
7 75		SEC. TEMP.		SALINITY		10	
8 50		SEC. TEMP.		SALINITY		11	
9 30		SEC. TEMP.		SALINITY		12	
10 20		SEC. TEMP.		SALINITY		did not sample	
11 10		SEC. TEMP.		SALINITY			
12 BUCKET		SEC. TEMP.		SALINITY			

VESSEL		PROJECT & LEG				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
0455802166 N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(mb)	(deg)	(m/s)	*	*	0180	PR12	
	149	36.8	11	30	11	02	08	10	09	17	050	17					
SBE 9+	93450-209		JD/TIME		DATA LOCATION												
PRESS SN	53586		Tape/Diskette ID		File Name/Header												
PRI TEMP SN	696		START DOWN														
SEC TEMP SN	31450		AT DEPTH														
PRI COND SN	47490		AT SURFACE														
SEC COND SN	197		FLUOR SN		623P												
TRIP DEPTH	197		PAR SN		4603												
POS.	CTD CONVERTED MONITOR VALUES		SALINITY		SEC. TEMP.		PRI. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
1	169													SAL.	NUTR.	CHL	WHIT'S NUTR.
2	150													63	21		
3	125														22		
4	100														23		
5	75														24		
6	50														25		
7	40														26		
8	30														27		
9	20														28		
10	10														29		
11	0														30		
12	0														31		

REMARKS
Chl Max @ 0-25M
 Cleaned air bleed valve
MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION														
RV Maurice Ewing		EW02-05 Leg 2																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(m/s)	*	(m)			
046580	08	71	N	149	40	32	W	30	M	A	Y	02	12	Z	108	408	398		0153	PR11
SBE 9+	93450-209		TIMES		JD/TIME				DATA LOCATION		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header													
PRI TEMP SN	696		START DOWN																	
SEC TEMP SN	31450		AT DEPTH																	
PRI COND SN	42490		AT SURFACE																	
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P											
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	143	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.			
2	125	↑																		
3	100	BOTTLES NOT TRIP																		
4	75	↓																		
5	50													64	114					
6	40														115					
7	30														116					
8	20														117					
9	10														118					
10	0														119					
11																				
12																				

[Handwritten signature]

Cleaned air bleed valve

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																											
RV Maurice Ewing		EW02-05 Leg 2																															
CONSC CAST #	LATITUDE		LONGITUDE		DATE			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WTR	WEATHER	BOTTOM DEPTH	STA. NAME/ID												
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)			(deg)	(m/s)	*	*	*	(m)													
04758	41	11	149	43	30	MAY	02	14	04	08.30	08.29	99			075	17				0063	PR10												
SBE 9+	93450-209		JD/TIME		DATE			TIME		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WTR		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN	53586		DATA ON		Tape/Diskette ID			File Name/Header																									
PRI TEMP SN	6210		START DOWN																														
SEC TEMP SN	31450		AT DEPTH																														
PRI COND SN	42490		AT SURFACE																														
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P																								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																			
1	56	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.																
2	50																																
3	40																																
4	30																																
5	20																																
6	10																																
7	0																																
8																																	
9																																	
10																																	
11																																	
12																																	

NEETS OPEN ON MOST BOTTLES
- THEREFORE, REDOING

REMARKS
chl Max @ 0-8M
 Cleaned air bleed valve
MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 1				DSDB I.D.															
LATITUDE		LONGITUDE		DATE JD= 150		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		(deg)		(m/s)		* *		(m)					
05051824.30 N		14955.14 W		30 MAR 02		1831		08.203		070		20				0134		PR7			
SBE 9+		TIMES		JD/TIME				DATA LOCATION		DATA LOCATION		REMARKS									
PRESS SN 53586		DATA ON						Tape/Diskette ID		File Name/Header		Chl Max @ 5-30M									
PRI TEMP SN 696		START DOWN																			
SEC TEMP SN 31450		AT DEPTH																			
PRI COND SN 42490		AT SURFACE																			
SEC COND SN 197		PAR SN 4603		FLUOR SN 623P																	
TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 125														68		8					
2 100																9					
3 75																10					
4 50		leaky														11					
5 40																12					
6 30																13					
7 20																14					
8 10																15					
9 0																16					
10																					
11																					
12																					

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 1																			
CONSC CAST #		DATE		TIME (GMT)		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
535858.37 N		15009.29 W		2309		65		22						200		TR4					
DEG MIN		DEG MIN		HR MIN		(deg)		(m/s)		* .		* .		(m)							
15009.29		30 MAY 02		2309		07		07													
LATITUDE		LONGITUDE		DATE		TIME		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
535858.37 N		15009.29 W		30 MAY 02		2309		65		22						200		TR4			
DEG MIN		DEG MIN		HR MIN		(deg)		(m/s)		* .		* .		* .		(m)					
15009.29		30 MAY 02		2309		07		07													
SBE 9+		TIMES		JD/TIME		DATA LOCATION		REMARKS													
63450-209		DATA ON		Tape/Diskette ID		File Name/Header															
PRESS SN 53586		START DOWN																			
PRI TEMP SN 696		AT DEPTH																			
SEC TEMP SN 31450		AT SURFACE																			
PRI COND SN 42490																					
SEC COND SN 197																					
197		PAR SN 4603		FLUOR SN 623P																	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 192														72		54					
2 175																55					
3 150																56					
4 125																57					
5 100																58					
6 75																59					
7 50																60					
8 40																61					
9 30																62					
10 20																63					
11 10																64					
X 0																65					

Wet

VESSEL		PROJECT & LEG				STATION DESIGNATION																											
R/V Maurice Ewing		EW02-05 Leg 1				DSDB I.D.																											
CONC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		99%		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
54		5904.27N		15012.91W		31 MAY 02		0041		8.7				0.8						06021						175PR3							
SBE 9+		93450-208		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		CLEANED AIR BLEED VALVE		MAX. DEPTH = 165 m																	
PRESS SN		53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE		FLUOR S/N 623P		PAR S/N 4603		CTD CONVERTED MONITOR VALUES																	
PRI TEMP SN		696																															
SEC TEMP SN		31450																															
PRI COND SN		42490																															
SEC COND SN		197																															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.																					
1	165								78	66																							
2	150								67																								
3	125								68																								
4	100								69																								
5	75								70																								
6	50								71																								
7	40								72																								
8	30								73																								
9	20								74																								
10	10								75																								
11	0								76																								
12																																	

Wire 161

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2																	
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)	WATER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO												YR	HR
555910	27	N	150	16	50	W	31	M	A	Y	0	2	10					PRR2	
SBE 9+	93450-201		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS						
PRESS SN	53586		DATA ON																
PRI TEMP SN	696		START DOWN																
SEC TEMP SN	31450		AT DEPTH																
PRI COND SN	42490		AT SURFACE																
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P										
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1	164															76	77		
2	150																78		
3	125																79		
4	100																80		
5	75																81		
6	50																82		
7	40																83		
8	30																84		
9	20																85		
10	10																86		
11	0																87		
12																			

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg Z																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 151		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG MIN	DEG MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	(deg)	(m/s)	*	*	(m)		
56591	6.29	N	15	02	0	03	35	8.8		09		74	22			109	TR1	
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTES		FILE NAME/HEADER		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		Cleared air bleed valve <input type="checkbox"/>									
PRI TEMP SN	696		START DOWN						MAX. DEPTH = m									
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		PAR SN		4603		FLUOR SN		623P									
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.	CHL	WHIT'S NUTR.
1	103											75		1				
2	75													2				
3	50													3				
4	40													4				
5	30													5				
6	20													6				
7	10													7				
8	0													8				
9																		
10																		
11																		
12																		

VESSEL		PROJECT & LEG				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD= 151		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
575930.95 N	14949.04 W	31	02	0627	10.0	11	11	84%	11	54	17			201SR011	
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									Cleaned air bleed valve					
SEC COND SN										MAX. DEPTH = 188 m					
TRIP DEPTH		CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER					
1 188		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.				
2 150								74	9						
3 125									10						
4 100									11						
5 75									12						
6 50									13						
7 40									14						
8 30									15						
9 20									16						
10 10									17						
11 0									18						
12									19						

VESSEL		PROJECT & LEG				STATION DESIGNATION																	
RV Maurice Ewing		EW02-05 Leg 1				DSDB I.D.																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0585925.96 N		14945.50 W		31 MAY 02		080908.9		08.0		08.0		080		18						0195		SR02	
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN		53586		DATA ON																			
PRI TEMP SN		696		START DOWN																			
SEC TEMP SN		31450		AT DEPTH																			
PRI COND SN		42490		AT SURFACE																			
SEC COND SN		197		PAR SN		4603		FLUOR S/N		623P													
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 185																73		20					
2 175																		21					
3 150																		22					
4 125																		23					
5 100																		24					
6 75																		25					
7 50																		26					
8 40																		27					
9 30																		28					
10 20																		29					
11 10																		30					
12 Bucket																		31					

BB

Chlor @ 20-40 μ

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2																			
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)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)		(deg)	(m/s)	*	*	(m)				
059	50	20.41	N	149	40.01	W	31	M	A	Y	02	09	50	08.9	08.8	12	065	20	0140	SR3	
SBE 9+		93450-209		TIMES		JD/TIME				DATA LOCATION				REMARKS							
PRESS SN		53580		DATA ON				Tape/Diskette ID		File Name/Header				Chl Max @ 0-35 M							
PRI TEMP SN		696		START DOWN										<input checked="" type="checkbox"/> Cleaned air bleed valve							
SEC TEMP SN		31450		AT DEPTH																	
PRI COND SN		42490		AT SURFACE																	
SEC COND SN		197						<input checked="" type="checkbox"/> PAR S/N 4103		<input checked="" type="checkbox"/> FLUOR S/N 623P											
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.				
1	132													79	32						
2	125														33						
3	100														34						
4	75														35						
5	50														36						
6	40														37						
7	30														38						
8	20														39						
9	10														40						
10	0														41						
11																					
12																					

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION												
RV Maurice Ewing		EW02-05 Leg 1																				
CONC. CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN		
061	59	09.27 N	149	28.90 W	31	M	A	Y	02	14	11	09.012	020	14				0148	SR5			
SBE 9+	93450-209		JD/TIME		Tape/Diskette ID		DATA LOCATION		File Name/Header		REMARKS		Chl Max @ 0-30M									
PRESS SN	53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE		<input checked="" type="checkbox"/> Cleaned air bleed valve		MAX. DEPTH = m									
PRI TEMP SN	696		PAR S/N		4403		FLUOR S/N		623P													
SEC TEMP SN	31450		CTD CONVERTED MONITOR VALUES																			
PRI COND SN	42490		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
SEC COND SN	197		TRIP DEPTH																			
1	130																					
2	125																					
3	100																					
4	75																					
5	59																					
6	40																					
7	30																					
8	20																					
9	10																					
10	0																					
11																						
12																						

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2																		
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 (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN
0625903	03	63	N	14923	34	W	31	M	A	Y	02	1532	09	13	050	14		0209	SR6	
SBE 9+	93450-209		TIMES		JD/TIME				DATA LOCATION								REMARKS			
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header												Chl Max @ 0-25M	
PRI TEMP SN	696		START DOWN																<input checked="" type="checkbox"/> Cleaned air bleed valve	
SEC TEMP SN	31450		AT DEPTH																MAX. DEPTH = m	
PRI COND SN	42490		AT SURFACE																	
SEC COND SN	197																			
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.		
1	197	1		4603				SALINITY				83		61						
2	175							SALINITY						62						
3	150							SALINITY						63						
4	125							SALINITY						64						
5	100							SALINITY						65						
6	75							SALINITY						66						
7	50							SALINITY						67						
8	40							SALINITY						68						
9	30							SALINITY						69						
10	20							SALINITY						70						
11	10							SALINITY						71						
12	bucket							SALINITY						72						

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION																							
LATITUDE		LONGITUDE				DATE JD= 151				TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		TYPE WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0635858.07 N		14917.73 W				31 MAY 02				1714		10.1		10.0		1.3				070		14				0225		SR7					
SBE 9+ 93450-209		TIMES				JD/TIME				DATA LOCATION								REMARKS															
PRESS SN 53580		DATA ON				Tape/Diskette ID				File Name/Header								Chl Mbr @ 25-40M															
PRI TEMP SN 696		START DOWN																Cleaned air bleed valve															
SEC TEMP SN 31450		AT DEPTH																MAX. DEPTH = m															
PRI COND SN 42490		AT SURFACE																															
SEC COND SN 197																																	

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES						SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER								
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.									
1	210																84	73		
2	200																	74		
3	150																	75		
4	125																	76		
5	100																	77		
6	75																	78		
7	50																	79		
8	40																	80		
9	30																	81		
10	20																	82		
11	10																	83		
12	Bucket																	84		

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2																					
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 151		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN			
06A	58	52.57	N	149	12.36	W	31	M	A	Y	02	18	44	10.9	10.8	13	0	20	15	0	198	SR8	
SBE 9+	93450-709		TIMES		JD/TIME				DATA LOCATION		REMARKS												
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header																
PRI TEMP SN	696		START DOWN																				
SEC TEMP SN	31450		AT DEPTH																				
PRI COND SN	42490		AT SURFACE																				
SEC COND SN	197																						
		<input checked="" type="checkbox"/> PAR S/N 4603		<input checked="" type="checkbox"/> FLUOR S/N 623P																			
POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.								
1	188											85	85										
2	175												86										
3	150												87										
4	125												88										
5	100												89										
6	75												90										
7	50												91										
8	40												92										
9	30												93										
10	20												94										
11	10												95										
12	Bucket												96										

Cleaned air bleed valve

VESSEL		PROJECT & LEG				STATION DESIGNATION																	
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.																	
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)		* * *		(m)									
0655847.01N		114906.89W		31 MAY 02		2014113		91		14				212		SR9							
SBE 9+ 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS															
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header																	
PRI TEMP SN 696		START DOWN																					
SEC TEMP SN 31450		AT DEPTH																					
PRI COND SN 42490		AT SURFACE																					
SEC COND SN 197		PAR S/N 4603		FLUOR S/N 623P																			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1 202														86		97							
2 175																98							
3 150																99							
4 125																100							
5 100																101							
6 75																102							
7 50																103							
8 40																104							
9 30																105							
10 20																106							
11 10																107							
12 0																108							

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION																	
R/V Maurice Ewing		EW02-05 Leg 1				DSDB I.D.																	
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB (°C)		DRY BULB (°C)		WET BULB (°C)		WIND (m/s)		WIND (m/s)		(m)			
06858		24.73 N		14845.28 W		01 MAR 02		01 00		10.5		10.5		94%		53		18		125		SR12	
SBE 9+		93450		209		JUN		JUN															
PRESS SN		53586		DATA ON																			
PRI TEMP SN		696		START DOWN																			
SEC TEMP SN		31450		AT DEPTH																			
PRI COND SN		42440		AT SURFACE																			
SEC COND SN		197		PAR SN		4603		FLUOR SN		623P													
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1		118														89		127					
2		100																128					
3		75																129					
4		50																130					
5		40																131					
6		30																132					
7		20																133					
8		10																134					
9		0																135					
10																							
11																							
12																							

Cleaned air bleed valve

MAX. DEPTH = 118 m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 1		DR												
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)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(mb)	(°C)	(°C)	(m/s)	(amt)		
069	58	20.59	N	148	41.24	W01	02	10	11.7		66	14			138	SR12h
SBE 9+	93450209		JUN													
PRESS SN	53566		DATA ON													
PRI TEMP SN	646		START DOWN													
SEC TEMP SN	31450		AT DEPTH													
PRI COND SN	42490		AT SURFACE													
SEC COND SN	197		PAR S/N 4603													
			FLUOR S/N 623P													
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES						SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.					
1	131											90	136			
2	100												137			
3	75												138			
4	50												139			
5	40												140			
6	30												141			
7	20												142			
8	10												143			
9	0												144			
10																
11																
12																

Cleaned air bleed valve
MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg. 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)		(deg)	(m/s)	*	*	(m)	
07058	16	41	N	148	37	19	W	01	03	23	8.7	1.1	53	16			325	SRI 3
SBE 9+	93450.209		JD/TIME		DATE		TIME		DRY BULB		WET BULB		SEA STATE		WIND DIRN		WIND SPD.	
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	696		START DOWN															
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SAL.		NUTR.	CHL	WHIT'S NUTR.		
1	314											91		1				
2	250													2				
3	200													3				
4	150													4				
5	100													5				
6	75													6				
7	50													7				
8	40													8				
9	30													9				
10	20													10				
11	10													11				
12	0													12				

REMARKS
CHL MAX @ 341

Cleaned air bleed valve

MAX. DEPTH = 314 m

CTD CONVERTED MONITOR VALUES

budget

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2		DR															
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 (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO											YR	HR	MIN
071581	21.29	N	148.33	11.2	W	01	JUN	02	05	18	08.6	12	13	916	13	924SR13A			
SBE 9+	934502081		JD/TIME		TIMES		REMARKS												
PRESS SN	53586		DATA ON		Tape/Diskette ID		NO CHL SENSOR												
PRI TEMP SN	696		START DOWN		File Name/Header														
SEC TEMP SN	31450		AT DEPTH				<input type="checkbox"/> Cleaned air bleed valve												
PRI COND SN	42490		AT SURFACE				MAX. DEPTH = 912 m												
SEC COND SN	197		PAR S/N		4603		FLUOR S/N												
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	SAL	CHL	WHIT'S NUTR.	SAL	CHL	WHIT'S NUTR.	
1	912														92	13			
2	700															14			
3	500															15			
4	300															16			
5	200															17			
6	100															18			
7	75															19			
8	50															20			
9	30															21			
10	20															22			
11	10															23			
X	0															24			

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO											
725808	19	N	14829	11	8	W	01	06	58	8.6	8.6	112	12			1196SR	14
SBE 9+	43450-200		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	696		START DOWN														
SEC TEMP SN	51450		AT DEPTH														
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197		PAR S/N		FLUOR S/N												
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1	1179	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.							
2	900						93	25									
3	600							26									
4	300							27									
5	200							28									
6	100							29									
7	75							30									
8	50							31									
9	30							32									
10	20							33									
11	10							34									
	0							35									
								36									

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	* * *	(deg)	(m/s)	* * *	* * *		(m)	
073500	1.55	N	149	00.01	W	01	02	0927	08.70	7.9	12	075	12	0130	ENIN6	
SBE 9+	3450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	696		START DOWN													
SEC TEMP SN	31450		AT DEPTH													
PRI COND SN	42490		AT SURFACE													
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P		MAX. DEPTH = m					
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER				
1	120											SAL.	NUTR.	CHL	WHIT'S NUTR.	
2	100											94	37			
3	75												38			
4	50												39			
5	40												40			
6	30												41			
7	20												42			
8	10												43			
9	0												44			
10													45			
11																
12																

BOTTLE NOT FILLED. INCORRECT SETTINGS

Cleaned air bleed valve

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	*	*	*		
07457	58.09	N	148	52.12	W	01	J	UN	02	11	00	08.60	08.11	12	0703	ENNS
SBE 9+	93450		2009		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS					
PRESS SN	53526		DATA ON								Cleaned air bleed valve					
PRI TEMP SN	696		START DOWN								MAX. DEPTH = m					
SEC TEMP SN	31450		AT DEPTH													
PRI COND SN	42490		AT SURFACE													
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P							
POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.				
1	694								95	46						
2	500									47						
3	350									48						
4	250									49						
5	150									50						
6	100									51						
7	75									52						
8	50									53						
9	30									54						
10	20									55						
11	10									56						
12	0									57						

Leaker

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
RV Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)		(deg)	(m/s)	*	*	(m)	
0755755.00	N	14	04	31.06	W	01	J	UN	02	13	09	08	308.2	11	050	14	1282	ENW4
SBE 9+	53450-209		JD/TIME		TIMES				DATA LOCATION		REMARKS							
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	696		START DOWN															
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER			
1	1272	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL	NUTR.	CHL	WHIT'S NUTR.			
2	900											96	58					
3	600												59					
4	300												60					
5	200												61					
6	100												62					
7	75												63					
8	50												64					
9	30	Leaker											65					
10	20	Leaker											66					
11	10												67					
12	0												68					
													69					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	WET BULB (°C)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
017657	50.39	N	14832.12	W	01	JUN	02	1709	08.30	08.21	0	0	0	1897	ENW3	
SBE 9+	93450-209		JD/TIME		TIMES		DATA LOCATION		REMARKS							
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	696		START DOWN													
SEC TEMP SN	31450		AT DEPTH													
PRI COND SN	42490		AT SURFACE													
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.			
1	1800									57	70					
2	1500										71					
3	1200										72					
4	900										73					
5	600										74					
6	300										75					
7	100										76					
8	75										77					
9	50										78					
10	30	Leaker									79					
11	10										80					
12	0										81					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION														
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.														
COONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		TIME (GMT)		WIND DIRN (deg)		WIND SPD (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE
077	57	46	06	N	14	8	18	62	W	01	JUN	02	20	18	07	4	17	29	58	ENW2
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		DATA LOCATION		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS									
PRI TEMP SN	696		START DOWN																	
SEC TEMP SN	31450		AT DEPTH																	
PRI COND SN	42490		AT SURFACE																	
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P		MAX. DEPTH = 1501 m									
POS.	TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	1500		1500										X		82					
2	1000		1000										98		83					
3	750		750										98		84					
4	500		500												85					
5	250		250												86					
6	150		150												87					
7	100		100												88					
8	75		75												89					
9	50		50												90					
10	30		30												91					
11	10		10												92					
12	0		0												93					

VESSEL		PROJECT & LEG				STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.															
LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		(deg)		(m/s)		* * *		(m)					
0785737.12N		14756.17W		01 JUN 02		2347		8.4		82		12				3867ENW1					
SBE 9+ 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS													
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header															
PRI TEMP SN 696		START DOWN																			
SEC TEMP SN 31450		AT DEPTH																			
PRI COND SN 42490		AT SURFACE																			
SEC COND SN 197		PAR SN 4603		FLUOR SN 623P																	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 1500		May be location - Bull + Norway Trench toward head of the Strait												99		94					
2 1000																95					
3 750																96					
4 500																97					
5 250																98					
6 150																99					
7 100																100					
8 75																101					
9 50																102					
10 30																103					
11 10																104					
12 0																105					

Cleaned air bleed valve

MAX. DEPTH = 1500 m

DRIFTER 36263

VESSEL		PROJECT & LEG				STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.															
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	79	57	29	94	N	14	7	5	19	6	W02	JUN	02	02	51	8	8	09	91	12	4792
SBE 9+	93450-209		JD/TIME		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
PRESS SN	53586		DATA ON		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
PRI TEMP SN	696		START DOWN		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
SEC TEMP SN	31450		AT DEPTH		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
PRI COND SN	42490		AT SURFACE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
SEC COND SN	197		AT SURFACE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
TRIP DEPTH	1501		PAR S/N		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
POS.	1501		4603		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	1000		FLUOR S/N		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	750		623P		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	500		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	250		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	150		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	100		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	75		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	50		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	30		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	10		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	0		DATE		DATE		TIME	DRY BULB (°C)	WET BULB (°C)	90%	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		

Cleaned air bleed valve

MAX. DEPTH = 1501 m

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.
1	1501					100	106		
2	1000						107		
3	750						108		
4	500						109		
5	250						110		
6	150						111		
7	100						112		
8	75						113		
9	50						114		
10	30						115		
11	10						116		
12	0						117		

VESSEL		PROJECT & LEG		STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2		DSDB I.D.											
COONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN.	WIND SPD.	SEA STATE	WIND DIRN.	WIND SPD.	CLD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
80	57 18.05 N	147 06.15 W	02 JUN 02	0640	8.2	8.2	090	10	7	090	10	8	54507E01	54507E01	
SBE 9+	93450 209														
PRESS SN	53586														
PRI TEMP SN	696														
SEC TEMP SN	31450														
PRI COND SN	42490														
SEC COND SN	197														
TRIP DEPTH															
POS.															
1	1500														
2	1000														
3	750														
4	500														
5	250														
6	150														
7	100														
8	75														
9	50														
10	30														
11	10														
12	0														

REMARKS
 Salinity cells
 cleaned prior to
 use
 Cleaned air bleed valve
 MAX. DEPTH = 1500 m

CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.
1500	Possible Leaker				101
1000					119
750					120
500					121
250	definitely Leaker				122
150					123
100					124
75					125
50					126
30					127
10					128
0					129

Calvin worried about bottles not being tightened sufficiently.

129?

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																							
R/V Maurice Ewing		EW02-05 Leg 2																											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 153		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	(°C)	(°C)	(mb)	*	*	SEA STATE	WIND DIRN	WIND SPD.	CLOUD	TYPE	WEATHER	(m)								
081571	11.17	N	14641.0	10	W	02	J	U	N	01	21	00	30	7.3	07.2	07	05	0	03							4146	E02		
SBE 9+	93450-209		TIMES		JD/TIME				DATA ON		Tape/Diskette ID		File Name/Header		REMARKS														
PRESS SN	53586		DATA ON																										
PRI TEMP SN	696		START DOWN																										
SEC TEMP SN	31450		AT DEPTH																										
PRI COND SN	42490		AT SURFACE																										
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		6239		MAX. DEPTH =		m																
POS.	TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL. NUTR.		CHL		WHIT'S NUTR.												
1	1500												102		130														
2	1000														131														
3	750														132														
4	500														133														
5	250														134														
6	150														135														
7	100														136														
8	75														137														
9	50														138														
10	30														139														
11	10														140														
12	0														141														

VESSEL		PROJECT & LEG				STATION DESIGNATION					
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.					
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
0825724.01	14 72.136	14 72.136	153 JUN 02	134008.100	007	325	05		*	4747	ED113
SBE 9+	93450-209	JD/TIME	REMARKS								
PRESS SN	53586	DATA ON	Tape/Diskette ID File Name/Header								
PRI TEMP SN	696	START DOWN									
SEC TEMP SN	31450	AT DEPTH									
PRI COND SN	42400	AT SURFACE	<input checked="" type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = m								
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P						
POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER		
1	300	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.	
2	250						103	1			
3	200	leaky						2			
4	150	leaky						3			
5	100							4			
6	75							5			
7	50							6			
8	40							7			
9	30							8			
10	20							9			
11	10	leaky						10			
12	0							11			
								12			

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION											
RAV Maurice Ewing		EW02-05 Leg 2																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	SEA STATE	WIND DIRN	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	* * *	(deg)	(m/s)	* * *	(m)					
0835	17	52.02	N	147	51	02	W	02	JUN	02	17	41	08	20	0	107	320	06	ENI		
SBE 9+	93450-209																				
PRESS SN	53586																				
PRI TEMP SN	696																				
SEC TEMP SN	31450																				
PRI COND SN	42490																				
SEC COND SN	197																				
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	1500	4603		623P										104		13					
2	1000															14					
3	750															15					
4	500															16					
5	250															17					
6	150															18					
7	100															19					
8	75															20					
9	50															21					
10	30															22					
11	10															23					
12	0															24					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
CONSC CAST #	LATITUDE		LONGITUDE		DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
084	5803.74 N	14746.10 W	02	JUN 02	153	2050	8.7	8.7	07	263	11			2202	EN2
SBE 9+	9450-209		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS						
PRESS SN	53586		DATA ON		File Name/Header										
PRI TEMP SN	696		START DOWN												
SEC TEMP SN	3450		AT DEPTH												
PRI COND SN	42490		AT SURFACE												
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P						
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES													
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.			
1	1500								105	25					
2	1000									26					
3	750									27					
4	500									28					
5	250									29					
6	150									30					
7	100									31					
8	75									32					
9	50									33					
10	30									34					
11	10									35					
12	0									36					

#4 - leaky bottle

Cleaned air bleed valve
MAX. DEPTH = 1500 m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
R/V Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										
0858	15.55	N	14740.10	06W	03	JUN	02	0042	8.7		0.83	82	5	10			22365	ENB3
SBE 9+	93450.209		JD/TIME		TIMES				DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS			
PRESS SN	53586		DATA ON												Cleaned air bleed valve			
PRI TEMP SN	696		START DOWN												MAX. DEPTH = 2300 m			
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.						
1	2300								106	37								
2	1500	#2 bottle leaky								38								
3	1000									39								
4	750									40								
5	500									41								
6	250									42								
7	150									43								
8	100									44								
9	75									45								
10	50									46								
11	30									47								
12	10									48								

49 Surface

VESSEL		PROJECT & LEG				STATION DESIGNATION																
RAV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.																
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)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO														YR	HR	MIN
086	5	82	5	39	N	14	7	35	1	89	03	JUN	02	04	07	8.8	92.8	09	1182	10	2439	ENH
SBE 9+	93450-204																				REMARKS	
PRESS SN	53586		DATA ON				Tape/Diskette ID		File Name/Header													
PRI TEMP SN	696		START DOWN																			
SEC TEMP SN	3450		AT DEPTH																		Cleaned air bleed valve	
PRI COND SN	42490		AT SURFACE																		MAX. DEPTH = 1500 m	
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P													
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	SAL.	NUTR.	CHL.	WHIT'S	NUTR.					
1	1500												107	50								
2	1000													51								
3	750													52								
4	500													53								
5	250													54								
6	150													55								
7	100													56								
8	75													57								
9	50													58								
10	30													59								
11	10													60								
12	0													61								

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION ENOS									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		TIME (GMT)		WET BULB		WIND DIRN		WIND SPD						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	CLOUD (amt)	WEATHER					
08758	33.01	N	147	32.51	W	03	JUN	02	07	10	8.7	8.6	103	170	09	218	71	ENS	
SBE 9+		93450		209		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH															
PRI COND SN		42490		AT SURFACE															
SEC COND SN		197		PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH																		
1	1500	1																	
2	1000	1																	
3	750	1																	
4	500	1																	
5	250																		
6	150																		
7	100																		
8	75																		
9	50																		
10	30																		
11	20																		
12	10																		

Buoyed 0

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VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION	
LATITUDE		LONGITUDE		DATE		TIME (GMT)	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR
08	58	14	55	03	06	2003	11
CONSC CAST #		SBE 9+		DATE JD=		WET BULB (°C)	
080		93450-209		154		2003.7	
PRESS SN		DATA ON		DRY BULB (°C)		WIND DIRN (deg)	
535810		624		1400.2		13506	
PRI TEMP SN		START DOWN		WIND SPD (m/s)		SEA STATE	
31450		AT DEPTH		11		11	
PRI COND SN		AT SURFACE		PRESSURE (mb)		VISIBILITY	
42490		AT SURFACE		11		11	
SEC COND SN		FLUOR S/N		DATA LOCATION		REMARKS	
197		4603		623P		Cleaned air bleed valve	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		Tape/Diskette ID		File Name/Header	
1500		PRESSURE		File Name/Header		File Name/Header	
1000		PRI. TEMP.		File Name/Header		File Name/Header	
750		SEC. TEMP.		File Name/Header		File Name/Header	
500		SALINITY		File Name/Header		File Name/Header	
250		SALINITY		File Name/Header		File Name/Header	
150		SALINITY		File Name/Header		File Name/Header	
100		SALINITY		File Name/Header		File Name/Header	
75		SALINITY		File Name/Header		File Name/Header	
50		SALINITY		File Name/Header		File Name/Header	
30		SALINITY		File Name/Header		File Name/Header	
10		SALINITY		File Name/Header		File Name/Header	
0		SALINITY		File Name/Header		File Name/Header	
POS.		SALINITY		SALINITY		SALINITY	
1		109		75		75	
2		76		77		78	
3		78		79		80	
4		81		82		83	
5		84		85		86	
6		86		87		88	
7		88		89		90	
8		90		91		92	
9		91		92		93	
10		92		93		94	
11		93		94		95	
12		94		95		96	

CAS #
088-114
GAK + FF LINES

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 154		TIME (GMT)		WET BULB		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	*	*	*			(m)		
0895823.30 N		14804.27 W		03 JUN 02		132408.408.310		112010												14169AK11			
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN		53586		DATA ON																			
PRI TEMP SN		696		START DOWN																			
SEC TEMP SN		31450		AT DEPTH																			
PRI COND SN		42450		AT SURFACE																			
SEC COND SN		197								PAR S/N		41003		FLUOR S/N		623P							
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.	
																		110		87			
1		1402																					
2		1000																					
3		750																					
4		500																					
5		250																					
6		150																					
7		100																					
8		75																					
9		50																					
10		30																					
11		10																					
12		0																					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		TIME (GMT)		WET BULB (°C)		WIND DIRN. SPD. (m/s)		WIND WEATHER		CLOUD (amt)		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	TRF	WEATHER	CLD	NAME/ID	
0905832.46 N	148.12.74 W	03 JUN 02	16	10	08.708.610	090	11									14569AK10		
SBE 9+	93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	696		START DOWN															
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197																	
TRIP DEPTH			PAR S/N		4603		FLUOR S/N		623P									
POS.			CTD CONVERTED MONITOR VALUES															
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.	
1	1437													111	99			
2	1000														100			
3	750														101			
4	500														102			
5	250														103			
6	150														104			
7	100														105			
8	75														106			
9	50														107			
10	30														108			
11	10														109			
12	0														110			

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION																			
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.																			
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 (m)	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR	MIN				
091	58	36	14	8	16	73	W	03	J	U	N	0	2	10	20	08	3	08	2	10	130	06	06	85	GAK9
SBE 9+	93450-209		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS												
PRESS SN	53586		DATA ON																						
PRI TEMP SN	696		START DOWN																						
SEC TEMP SN	31450		AT DEPTH																						
PRI COND SN	42490		AT SURFACE																						
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P																
TRIP DEPTH	CTD CONVERTED MONITOR VALUES																								
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.										
1	667											112	111												
2	500												112												
3	350												113												
4	250												114												
5	150												115												
6	100												116												
7	75												117												
8	50												118												
9	30												119												
10	20												120												
11	10												121												
12	0												122												

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=154		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN (deg)	WIND SPD (m/s)	SEA STATE	VISIBILITY	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO												YR
0925840	79	N	14821	06	W	03	2003	8.7	8.7	095	11					277	GAKS	
SBE 9+	93450-209		JD/TIME		TAPES		DATA LOCATION		REMARKS									
PRESS SN	53586		DATA ON		Tape/Diskette ID		CHL Max @ ~12m											
PRI TEMP SN	696		START DOWN				<input checked="" type="checkbox"/> Cleaned air bleed valve											
SEC TEMP SN	31450		AT DEPTH				MAX. DEPTH = 267 m											
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		<input checked="" type="checkbox"/> PAR S/N		4603		<input checked="" type="checkbox"/> FLUOR S/N		623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.						
1	267								113	123			123					
2	200									124			124					
3	150									125			125					
4	125									126			126					
5	100									127			127					
6	75									128			128					
7	50									129			129					
8	40									130			130					
9	30	#9 bottle leaky																
10	20									131			131					
11	10									132			132					
	0									133			133					
										134			134					

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION																
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	99%	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	TYRE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO															YR	HR
093	58	44.07	N	148	25.25	W03	JUN	02	21	33	8.4	8.4	10	06	11	10						
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS												
PRESS SN		53586		DATA ON				Tape/Diskette ID		File Name/Header		CHK MAX @ 20m										
PRI TEMP SN		696		START DOWN								<input type="checkbox"/> Cleaned air bleed valve										
SEC TEMP SN		31450		AT DEPTH								MAX. DEPTH = 280 m										
PRI COND SN		42490		AT SURFACE																		
SEC COND SN		197		<input checked="" type="checkbox"/> PAR S/N 4603		<input checked="" type="checkbox"/> FLUOR S/N 623P																
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES											SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			WHIT'S NUJR.				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUJR.	CHL.	NUJR.	NUJR.										
1	280	280										114	135									
2	260	250																				
3	180	225																				
4	125	200																				
5	100	150																				
6	75	100																				
7	50	75																				
8	40	50																				
9	30	30																				
10	20	20																				
11	10	10																				
X	0	0																				

bucket

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
RV Maurice Ewing		EW02-05 Leg 2																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO										YR	HR	MIN	VISIBILITY
0945	8	47.59	N	148	29.29	W	02	22	34	8.3	8.3	10		80	10	2906GAK8			
SBE 9+		93450-208		TIMES		JD/TIME		DATA LOCATION								REMARKS			
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH												Cleared air bleed valve			
PRI COND SN		42490		AT SURFACE												MAX. DEPTH = 280 m			
SEC COND SN		197		PAR SN		4603		FLUOR SN		6237									
POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.							
1	280								115	3									
2	250									4									
3	225									5									
4	200									6									
5	150									7									
6	100									8									
7	75									9									
8	50									10									
9	30									11									
10	20									12									
11	10									13									
12	0									14									

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	VISIBILITY	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											
09158	52.86	N	148.33	57.57	04	06	20	00	10	8.3	8.3	09	105	4				3000	CAK7i
SB 9+		93450-202		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH															
PRI COND SN		42490		AT SURFACE															
SEC COND SN		197		PAR SN		4603		FLUOR SN		6237									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHITS NUTR.						
1	289	Seabird - replaced								15									
2	250									16									
3	200									17									
4	150									18									
5	125									19									
6	100									20									
7	75									21									
8	50									22									
9	30									23									
10	20									24									
11	10									25									
	0									26									

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
NK															
CONSC 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	
09165	58.34 N	148	37.89 W	04	JUN	02	01	18	10B	1.0			243	FAK7	
SBE 9+	93450209	TIMES		JD/TIME		0109		DATA LOCATION		REMARKS		243			
PRESS SN	53586	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	696	START DOWN													
SEC TEMP SN	31450	AT DEPTH													
PRI COND SN	42490	AT SURFACE													
SEC COND SN	197	PAR S/N		4603		FLUOR S/N		6257							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1	230	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	117	27							
2	400							28							
3	175							29							
4	150							30							
5	125	leaker						31							
6	100							32							
7	75							33							
8	56							34							
9	30	leaker						35							
10	20							36							
11	10							37							
12	0							38							

Spikes (neg) in Sal at Chl. max ~ 22m
 Starstep Sal structure 60-100

diffuse release #34250

101 both side
 5
 101 both side

VESSEL RAV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 153		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		97%		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	°C	°C	(mb)	*	*	*	*	*	*	(m/s)	(m/s)	*	*	*	*	(m)					
09	759	03	71	N	14	42	09	W	04	JUN	02	03	19	8.8	8.8	09	37	117	10														
SBE 9+	93450-209		TIMES		JD/TIME		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m				
PRESS SN	535806		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m								
PRI TEMP SN	696		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m								
SEC TEMP SN	34450		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m								
PRI COND SN	42490		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m								
SEC COND SN	197		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		174		m		REMARKS		CHK MAX 20m								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.		SAMPLE BOTTLE NUMBER											
1	174													118		39						39											
2	150															40						40											
3	125															41						41											
4	100															42						42											
5	75															43						43											
6	50															44						44											
7	40															45						45											
8	30															46						46											
9	20															47						47											
10	10															48						48											
11	0															49						49											
X																																	

No CTD bottle data for this depth within 3/03

Leakage

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																									
RV Maurice Ewing		EW02-05 Leg 2																													
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 (m)	STA. NAME/ID												
	DEG	MIN	DEG	MIN	SEC	DAY	MO													YR	HR	MIN	* * *	* * *	* * *	* * *	* * *	* * *			
0918	59	07.01	N	14	54	27	W	04	JUN	02	04	09	11	11	11			1546	AK6												
SBE 9+	93450 209		JD/TIME			DATE		TIME		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD.		CLOUD		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN	53586		DATA ON			Tape/Diskette ID		File Name/Header																							
PRI TEMP SN	696		START DOWN																												
SEC TEMP SN	31450		AT DEPTH																												
PRI COND SN	42490		AT SURFACE																												
SEC COND SN	197		AT SURFACE																												
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																													
1	145	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.																		
2	125									119	49			50																	
3	102													51																	
4	75													52																	
5	50													53																	
6	40													54																	
7	32													55																	
8	20													56																	
9	10													57																	
10	0													58																	
11																															
12																															

REMARKS
 CMC MAX 220m
 Incident detected on conductivity cell
 Cleaned air bleed valve
 MAX. DEPTH = 145 m

Notes Suggest Locker

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION									
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WIND DIRN SPD		WIND WEATHER		BOTTOM DEPTH		STA. NAME/ID	
09959		14854.56W 04		15 JUN 02		0539		07008		* * *		1726		GAKS	
SBE 9+		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		REMARKS					
PRESS SN 53586		DATA ON				File Name/Header									
PRI TEMP SN 696		START DOWN													
SEC TEMP SN 31450		AT DEPTH													
PRI COND SN 42490		AT SURFACE													
SEC COND SN 197		PAR S/N 4603		FLUOR S/N 623P											
TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL. NUTR.		CHL. NUTR.	
1 163		leaky #7								191		59			
2 150												60			
3 125												61			
4 100												62			
5 75												63			
6 50												64			
7 40												65			
8 30												66			
9 20												67			
10 10												68			
11 0												69			
12															

Note - during post-processing - The top 70 m of this cast looks very odd (esp. T) but it does not invert. (Correct for sure)

Drifter 34249

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2				7BK																
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 (m)	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN			
1065924160N	149	02.78	W	09	JUN	02	07	07	8.4	8.4	093	0	70	1126			2016AK4					
SBE 9+	93450209				JD/TIME 24.60				DATA LOCATION									REMARKS				
PRESS SN	53586		DATA ON						Tape/Diskette ID									File Name/Header				
PRI TEMP SN	696		START DOWN																			
SEC TEMP SN	31450		AT DEPTH															Cleared air bleed valve				
PRI COND SN	42490		AT SURFACE															MAX. DEPTH = 192 m				
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P													
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA											SAMPLE BOTTLE NUMBER					
1	Bot	192				SALINITY												SAL.	NUTR.	CHL	WHIT'S NUTR.	
2	175																	92	70			
3	150																		71			
4	125																		72			
5	100																		73			
6	75																		74			
7	50																		75			
8	40																		76			
9	30																		77			
10	20																		78			
11	10																		79			
12	0																		80			
																			81			

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2			DSDB I.D.		STATION DESIGNATION												
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1015933-25		14911.47		04 JUN 02		090507.9		06517		0214		FAK3							
SBE 9+		33450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		Chl Max 30-50M			
PRESS SN		53586		DATA ON															
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH															
PRI COND SN		42490		AT SURFACE															
SEC COND SN		197		PAR S/N		4603		FLUOR S/N		623P									
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1 205				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
2 200												93		82					
3 150														83					
4 125														84					
5 100														85					
6 75														86					
7 50														87					
8 40														88					
9 30														89					
10 20														90					
11 10														91					
12 bucket														92					
														93					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL RV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION													
CONSC CAST #		DATE JD= 155				TIME (GMT)		WET BULB (°C)		DRY BULB (°C)		WIND DIRN (deg)		WIND SPD (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
10259411.47N		14919.59W 04 JUN 02				110808.208.1109		208.1109		808.208.1109		03507		03507		0225		GAKRZ					
SBE 9+ 93450-209		LONGITUDE				JD/TIME		DATA LOCATION		REMARKS													
PRESS SN 53526		DATA ON				Tape/Diskette ID		File Name/Header		C1 Max @ 25 M													
PRI TEMP SN 696		START DOWN																					
SEC TEMP SN 31450		AT DEPTH																					
PRI COND SN 47490		AT SURFACE																					
SEC COND SN 197		PAR S/N 4603				FLUOR S/N 623P																	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER															
1 215		PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.					
2 200																							
3 150																							
4 125																							
5 100																							
6 75																							
7 50																							
8 40																							
9 30																							
10 20																							
11 10																							
12 bucket																							

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
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 (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(mb)	(deg)	(m/s)	*	*	*	
103	59	50.68	N	149	27	04	W	04	13	07	02	02	05		0271	GIAKI
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header		Shi Max @ NONE						
PRI TEMP SN		696		START DOWN						<input checked="" type="checkbox"/> Cleaned air bleed valve						
SEC TEMP SN		31450		AT DEPTH						MAX. DEPTH = m						
PRI COND SN		42490		AT SURFACE												
SEC COND SN		197														
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.				
1	250								95	106						
2	250									107						
3	200									108						
4	150									109						
5	100									110						
6	75									111						
7	50									112						
8	40									113						
9	30									114						
10	20									115						
11	10									116						
12	Bucket									117						

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																
RV Maurice Ewing		EW02-05 Leg 2																								
CONSC CAST #	LATITUDE		LONGITUDE				DATE		TIME (GMT)		DRY BULB		WET BULB		WIND DIRN		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	*	*	*	*	*	*	(m)			
10659	37	17	N	148	35	15	W	04	JUN	02	20	06	8.4	8.4	08	87	12					95			FF3	
SBE 9+	93450-209		TIMES				JD/TIME				DATA ON		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN	53586		DATA ON																							
PRI TEMP SN	696		START DOWN																							
SEC TEMP SN	31450		AT DEPTH																							
PRI COND SN	42490		AT SURFACE																							
SEC COND SN	197		PAR S/N				4603		FLUOR S/N		623P															
POS.	TRIP DEPTH		CTD CONVERTED MONITOR VALUES																							
1	87		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.												
2	75																									
3	50																									
4	40		#4 leaky																							
5	30		#5 leaky																							
6	20																									
7	10																									
8	0																									
9																										
10																										
11																										
12																										

Chl Max @ 30mX

Cleaned air bleed valve

MAX. DEPTH = 87 m

VESSEL		PROJECT & LEG				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	99%	SEA STATE	WIND DRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(°C)	(mb)	*	(deg)	(m/s)	*	*	(m)	
10959	17.66	N	148	15.67	W	05	0005	8.7	8.7	8.7	08	70	12			1123	FF6
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS								
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		CHK MAX @ 2.5m								
PRI TEMP SN	696		START DOWN						<input type="checkbox"/> Cleaned air bleed valve								
SEC TEMP SN	31450		AT DEPTH						MAX. DEPTH = 113 m								
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197		<input checked="" type="checkbox"/> PAR S/N 4603		<input checked="" type="checkbox"/> FLUOR S/N 623P												
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.	NUTR.	CHL	WHIT'S NUTR.		
1	113									SALINITY		89	145				
2	100									SALINITY			146				
3	75									SALINITY			147				
4	50									SALINITY			148				
5	40									SALINITY			149				
6	30									SALINITY			150				
7	20									SALINITY			151				
8	10									SALINITY			152				
9	0									SALINITY			153				
10										SALINITY							
11										SALINITY							
12										SALINITY							

leaky #6

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
RV Maurice Ewing		EW02-05 Leg 2														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO										YR
1105909170N	14807.51	W05	14807.51	W05	01	42	08	8.6	8.6	08	8			138	FF7	
SBE 9+	93450-209															
PRESS SN	53586															
PRI TEMP SN	696															
SEC TEMP SN	31450															
PRI COND SN	42490															
SEC COND SN	197															
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
1	131	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.				
2	100								90	154			154			
3	75									155			156			
4	50									157			157			
5	40									158			158			
6	30									159			159			
7	20									160			160			
8	10									161			161			
9	0									162			162			
10																
11																
12																

REMARKS
 CHL MAX @ 23m
 Cleaned air bleed valve
 MAX. DEPTH = 131 m

DATA LOCATION
 Tape/Diskette ID File Name/Header
 FLUOR SN 623P
 PAR S/N 4603

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																
R/V Maurice Ewing		EW02-05 Leg 2																				
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	(amt)	*	*	*	*	(m)			
112	58	56.83	N	147	55.12	W	05	JUN	02	04	26	25	2	8	2	8	2	849	FF81			
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS													
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		CUL MAX @ 24M													
PRI TEMP SN	696		START DOWN						<input type="checkbox"/> Cleaned air bleed valve													
SEC TEMP SN	31450		AT DEPTH						MAX. DEPTH = m													
PRI COND SN	42490		AT SURFACE																			
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P													
POS.	TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	650														51.32							
2	500																					
3	350																					
4	250																					
5	150																					
6	100																					
7	75																					
8	50																					
9	30																					
10	20																					
11	10																					
12	0																					

bucket

VESSEL		PROJECT & LEG		STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2		DSDB I.D.										
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
11145844	110 N	14742.97 W	05 JUN 02	090308	307.8	110	255	111	2129	FFI 0				
SBE 9+	93450-209	TIMES	JD/TIME	REMARKS										
PRESS SN	53586	DATA ON	Tape/Diskette ID	DATA LOCATION										
PRI TEMP SN	626	START DOWN	File Name/Header											
SEC TEMP SN	31450	AT DEPTH												
PRI COND SN	42490	AT SURFACE												
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P									
TRIP DEPTH		CTD CONVERTED MONITOR VALUES												
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA						SAMPLE BOTTLE NUMBER
1	1500								SAL.	NUTR.	CHL.	WHIT'S NUTR.		
2	1000								53	55				
3	750									56				
4	500									57				
5	250									58				
6	150									59				
7	100									60				
8	75									61				
9	50									62				
10	30									63				
11	10									64				
12	0									65				

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO														YR
1165903	49N	14808.07W	06	14	27	09	1109.018	195	15											0135 ATA
SBE 9+	93450.209																		REMARKS	
PRESS SN	53506																		Chl Max @ 20 m	
PRI TEMP SN	696																		<input checked="" type="checkbox"/> Cleaned air bleed valve	
SEC TEMP SN	31450																		MAX. DEPTH = m	
PRI COND SN	42490																			
SEC COND SN	197																			
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL		WHIT'S NUTR.		
1	125	4103		623P				SALINITY		74		67								
2	100							SALINITY		74		68								
3	75							SALINITY		74		69								
4	50							SALINITY		74		70								
5	40							SALINITY		74		71								
6	30							SALINITY		74		72								
7	20							SALINITY		74		73								
8	10							SALINITY		74		74								
9	0							SALINITY		74		75								
10								SALINITY												
11								SALINITY												
12								SALINITY												

PAR & Wetstar voltage reversed.

Lab

VESSEL		PROJECT & LEG				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	* * *	(m)		
118	58	05 N	148	14.4	06	JUN	02	16	18	09.2	09.1	18	240	13	260	ATA3	
SBE 9+	93450-709		JD/TIME		DATE		TIME	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	690		START DOWN														
SEC TEMP SN	31450		AT DEPTH														
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197																
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.					
		1	250														
		2	200														
		3	150														
		4	125														
		5	100														
		6	75														
		7	50														
		8	40														
		9	30														
		10	20														
		11	10														
		12	Bucket														

REMARKS
Chl Max @ 22-33M

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 2																			
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1195050.42N		14018.91W		06 JUN 02		180509.309		219		240		11		0284		ATA4					
SBE 9+ 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN 53586		DATA ON																			
PRI TEMP SN 690		START DOWN																			
SEC TEMP SN 31450		AT DEPTH																			
PRI COND SN 42490		AT SURFACE																			
SEC COND SN 197		PAR S/N 4603		FLUOR S/N 623P																	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1 275														57		98					
2 250																99					
3 200																100					
4 150																101					
5 100																102					
6 75																103					
7 50																104					
8 40																105					
9 30																106					
10 20																107					
11 10																108					
12 Bucket																					
																				NOT COLLECTED	

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN		
12058	45.90	N	14824.90	W	06	JUN	02	19	11	09	120		24	5	12		0273	ATAS			
SBE 9+	53450-209																REMARKS Chl Max @ 23M				
PRESS SN	53586																Cleaned air bleed valve <input checked="" type="checkbox"/>				
PRI TEMP SN	696																MAX. DEPTH = m				
SEC TEMP SN	31450																				
PRI COND SN	42490																				
SEC COND SN	197																				
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																			
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	260													58		109					
2	250															110					
3	200															111					
4	150															112					
5	100															113					
6	75															114					
7	60															115					
8	40															116					
9	30															117					
10	20															118					
11	10															119					
12	bucket															120					

FLUOR S/N 623P

PAR S/N A103

AT SURFACE

VESSEL		PROJECT & LEG				STATION DESIGNATION									
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
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 (m)	STA. NAME/ID
121584	11.86 N	148.29 W	06 JUN 02	2040	157	9.5	9.5	9.5	237	13				256	ATA6
SBE 9+	93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN	696		START DOWN				Cleaned air bleed valve								
SEC TEMP SN	31450		AT DEPTH				MAX. DEPTH = 245 m								
PRI COND SN	42490		AT SURFACE												
SEC COND SN	197						FLUOR S/N 623P								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE .DATA		SAMPLE BOTTLE NUMBER			
1	245											SAL.	NUTR.	CHL.	WHIT'S NUTR.
2	225											59	121		
3	200												122		
4	150												123		
5	100												124		
6	75												125		
7	50												126		
8	30												127		
9	20												128		
10	10												129		
11	0												130		
12													131		

NO NUTR. DATA FOR #128

VESSEL		PROJECT & LEG		STATION DESIGNATION									
RV Maurice Ewing		EW02-05 Leg 2		DSDB I.D.									
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 (m)	STA. NAME/ID
125878.99N	14832.82W	06 JUN 02	2131	9.5	9.521	99%	235	14				241	ATA7
SBE 9+	93450208	TIMES	JD/TIME	DATA LOCATION									
PRESS SN	53586	DATA ON	Tape/Diskette ID	File Name/Header									
PRI TEMP SN	696	START DOWN											
SEC TEMP SN	31450	AT DEPTH											
PRI COND SN	42490	AT SURFACE											
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES											
1	237	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.	
2	200								62	132			
3	150									133			
4	125	#4 leaky								134			
5	100									135			
6	75									136			
7	50									137			
8	30									138			
9	20									139			
10	10									140			
11	0									141			
12										142			

Cleaned air bleed valve

MAX. DEPTH = 233 m

VESSEL		PROJECT & LEG				STATION DESIGNATION							
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.							
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
123583499N	14837.87W	06 JUN 02	2252	9.3	9.3	22	236	15	2	0		131	ATA8
SBE 9+	9450-205												
PRESS SN	53586	DATA ON											
PRI TEMP SN	696	START DOWN											
SEC TEMP SN	31450	AT DEPTH											
PRI COND SN	42490	AT SURFACE											
SEC COND SN	197												
POS.	TRIP DEPTH	PAR S/N	4603	FLUOR S/N	623P								
1	123	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
2	100									61	143		
3	75										144		
4	50										145		
5	40										146		
6	30										147		
7	20										148		
8	10										149		
9	0										150		
10											151		
11													
12													

REMARKS
 Cleaned air bleed valve
 MAX. DEPTH = 123 m
 Ck Max @ 14 and 19.2

DATA LOCATION
 Tape/Diskette ID File Name/Header

CTD CONVERTED MONITOR VALUES

VESSEL		PROJECT & LEG				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=158		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	96%	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
1255841.71N	14851.08W	07	02	0144	9.5	9.523	22.3	13							210	GB12	
SBE 9+	93450-209	TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	53586	DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	696	START DOWN															
SEC TEMP SN	31450	AT DEPTH															
PRI COND SN	42490	AT SURFACE															
SEC COND SN	197	PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL. NUTR.		CHL. NUTR.		WHIT'S NUTR.	
1	204											57		8			
2	175													9			
3	125													10			
4	100													11			
5	75													12			
6	50	#6 tiny leaky												13			
7	40													14			
8	30													15			
9	20													16			
10	10	#10 tiny leaky												17			
11	0													18			
12																	

Cleaned air bleed valve

MAX. DEPTH = 204 m

VESSEL		PROJECT & LEG				STATION DESIGNATION							
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.							
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
1265847	56 N	14849.07 W	07 JUN 02	0303	9.7	9.7	98%	216	11			252	ATB5
SBE 9+	9349-209	TIMES	JD/TIME	DATA LOCATION									
PRESS SN	53586	DATA ON		Tape/Diskette ID File Name/Header									
PRI TEMP SN	696	START DOWN											
SEC TEMP SN	31450	AT DEPTH											
PRI COND SN	42490	AT SURFACE											
SEC COND SN	197	PAR SN 4603	FLUOR SN 623P										
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES											
1	244	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.
2	200									56	19		
3	150										20		
4	125										21		
5	100										22		
6	75										23		
7	50										24		
8	30										25		
9	20										26		
10	10										27		
11	0										28		
12											29		

Cleaned air bleed valve

MAX. DEPTH = 244 m

REMARKS
CUMAX - NONE

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
RV Maurice Ewing		EW02-05 Leg 2																	
CONSC CAST #		DATE JD=		WET BULB		DRY BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		14846.92		94%		9.5		215		12						293		GB11	
LATITUDE		LONGITUDE		TIME (GMT)		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER	
1275853.23 N		14846.92 W		0524		9.523													
DEG MIN		DEG MIN		HR MIN		(°C)		(mb)		(deg)		(m/s)		* * *		(m)			
93450.209		6.92		0524		9.5		9.523		215		12				293		GB11	
SBE 9+		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header											
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE											
696																			
31450																			
42450																			
197																			
PAR S/N		FLUOR S/N																	
4603		623P																	
CTD CONVERTED MONITOR VALUES																			
PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL. NUTR.		CHL		WHIT'S NUTR.			
285												63		30					
250														31					
200														32					
175														33					
150														34					
125														35					
100														36					
50														37					
30														38					
20														39					
10														40					
0														41					

bucket

VESSEL		PROJECT & LEG				STATION DESIGNATION									
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	93%	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
1285858.01	N 14844.60	W 07 J 07 05	14844.60	07 05	9.1	9.1	9.1	24	223	15			252	ATB3	
SBE 9+	93450-209														
PRESS SN	53586	DATA ON													
PRI TEMP SN	696	START DOWN													
SEC TEMP SN	31450	AT DEPTH													
PRI COND SN	42490	AT SURFACE													
SEC COND SN	197														
POS.	TRIP DEPTH	PAR S/N	4603	FLUOR S/N	623P										
1	247	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.
2	225											64	42		
3	200												43		
4	150												44		
5	125												45		
6	100												46		
7	75												47		
8	50												48		
9	30												49		
10	20												50		
11	10												51		
12	0												52		
													53		

REMARKS
 CHL. Mx @ 22m
 Cells cleaned w/ Indent + T100 (?)
 Cleaned air bleed valve
 MAX. DEPTH = 247 m

VESSEL		PROJECT & LEG				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.												
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)			*	*				
12959	04	27	14	41	07	06	09	25	08	08	025	27	011		0202	ATB2		
SBE 9+	93450-209				JUN 07		09	25	08	08	025	27	011		0202	ATB2		
PRESS SN	53586																	
PRI TEMP SN	696																	
SEC TEMP SN	31450																	
PRI COND SN	42490																	
SEC COND SN	197																	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																
		PAR S/N	4603	FLUOR S/N	623P												SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		CHL		WHIT'S NUTR.		
1	192											65	54					
2	175												55					
3	150												56					
4	125												57					
5	100												58					
6	75												59					
7	50												60					
8	30												61					
9	20												62					
10	10												63					
11	0												64					
12	0																	

REMARKS
Ch Max @ 20-24M

Cleaned air bleed valve

MAX. DEPTH = m

DATA LOCATION

Tape/Diskette ID File Name/Header

VESSEL		PROJECT & LEG				STATION DESIGNATION									
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.									
CONSC CAST #	LATITUDE	LONGITUDE		DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
13159	11.51 N	148.36	21 W	09 JUN 02	1200	08.70	7.725	265	12	0130	AT	130			
SBE 9+	83450-209	TIMES		JD/TIME	DATA LOCATION				REMARKS						
PRESS SN	53586	DATA ON		Tape/Diskette ID	File Name/Header				Chl Yaw @ 15-30M						
PRI TEMP SN	696	START DOWN							<input checked="" type="checkbox"/> Cleaned air bleed valve						
SEC TEMP SN	31450	AT DEPTH							MAX. DEPTH = m						
PRI COND SN	42490	AT SURFACE													
SEC COND SN	197	<input checked="" type="checkbox"/> PAR S/N 4603		<input checked="" type="checkbox"/> FLUOR S/N 6232											
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE .DATA		SAMPLE BOTTLE NUMBER			
1	125											SAL.	NUTR.	CHL	WHIT'S NUTR.
2	100											66	75		
3	75												76		
4	50												77		
5	30												78		
6	20												79		
7	10												80		
8	0												81		
9													82		
10															
11															
12															

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 158		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(mb)	*	*	*	*		
1335859	14	N	149	11	07	JUN	02	1532	08.7	09.3	26	220	08		0222	ATC2
SBE 9+	93450-209		209		TIMES		JD/TIME		DATA LOCATION							
PRESS SN	53586		53586		DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN	696		696		START DOWN											
SEC TEMP SN	31450		31450		AT DEPTH											
PRI COND SN	47490		47490		AT SURFACE											
SEC COND SN	197		197		PAR S/N		4005		FLUOR S/N		623P					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.				
1	212								68	92						
2	200									93						
3	175									94						
4	150									95						
5	125									96						
6	100									97						
7	75									98						
8	50									99						
9	30									100						
10	20									101						
11	10									102						
12	Bucket									103						

REMARKS
Chl Max @ 15M

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION																	
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.																	
CONSC CAST #		LONGITUDE		DATE JD= 158		TIME (GMT)		WET BULB		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		°C		°C		°C		(m/s)		(m)			
1345856.05N		14911.97W		17 JUN 02		171008.60		17.02		255		10						0212		ATC3			
SBE 9+ 03450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN 53586		DATA ON																					
PRI TEMP SN 696		START DOWN																					
SEC TEMP SN 31450		AT DEPTH																					
PRI COND SN 42490		AT SURFACE																					
SEC COND SN 197		PAR S/N 4603		FLUOR S/N 623P		CTD CONVERTED MONITOR VALUES																	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.	
1 200																							
2 175																							
3 150																							
4 125																							
5 100																							
6 75																							
7 50																							
8 30																							
9 20																							
10 10																							
11 0																							
12																							

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Chl Max @ 20-24M

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL RV Maurice Ewing		PROJECT & LEG EW02-05 Leg 2				DSDB I.D.				STATION DESIGNATION											
CONSC. CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
13558		52.99 N		19 JUN 02		182600		7.0		225		05						0202		ATCA	
SBE 9+		93450-209		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN		53586		DATA ON																	
PRI TEMP SN		696		START DOWN																	
SEC TEMP SN		31450		AT DEPTH																	
PRI COND SN		42490		AT SURFACE																	
SEC COND SN		197		PAR S/N		4603		FLUOR S/N		623P											
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1		191		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
2		175												70		115					
3		150														116					
4		125														117					
5		100														118					
6		75														119					
7		50														120					
8		30														121					
9		20														122					
10		10														123					
11		0														124					
12		0														125					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
RV Maurice Ewing		EW02-05 Leg 2																	
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 (m)	STA. NAME/ID			
	DEG MIN	DEG	MIN	DEG	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(amt)				
136	58	38	52	N	149	39	10	W	08	JUN	02	07	21	9.5	22	123	21	135	ATDS
SBE 9+	93456-209		TIMES		JD/TIME		DATA LOCATION												
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header												
PRI TEMP SN	696		START DOWN																
SEC TEMP SN	31450		AT DEPTH																
PRI COND SN	42490		AT SURFACE																
SEC COND SN	197																		
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES													
		4603		623P															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	WHIT'S NUTR.	SAMPLE BOTTLE NUMBER								
1	127					SALINITY	71	126			126								
2	100					SALINITY					127								
3	75					SALINITY					128								
4	50					SALINITY					129								
5	30					SALINITY					130								
6	20					SALINITY					131								
7	10					SALINITY					132								
8	0					SALINITY					133								
9																			
10																			
11																			
12																			

Cleaned air bleed valve

MAX. DEPTH = 127 m

CHK Max @ 25m

VESSEL		PROJECT & LEG				STATION DESIGNATION								
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.								
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
13758	42.73 N	149	30.94 W	08 JUN 02	0830	09.5	08.7	21	120	20			0175	ATD44
SBE 9+	93450-208	TIMES		JD/TIME	DATA LOCATION									
PRESS SN	53586	DATA ON		Tape/Diskette ID	File Name/Header									
PRI TEMP SN	696	START DOWN												
SEC TEMP SN	31450	AT DEPTH												
PRI COND SN	42490	AT SURFACE												
SEC COND SN	197	<input checked="" type="checkbox"/>	PAR S/N	4603	<input checked="" type="checkbox"/>	FLUOR S/N	623P							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES												
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			WHIT'S NUTR.			
1	105					SALINITY		SAL.	NUTR.	CHL				
2	150							72	134					
3	125								135					
4	100								136					
5	75								137					
6	50								138					
7	30								139					
8	20								140					
9	10								141					
10	0								142					
11									143					
12														

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Leaker

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION															
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= /59		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	Cloud (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID					
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	°C	°C	(mb)	*	*	(m/s)	*	*	(m)						
1395054	14.62	N	14932.62	W	08	JUN	02	110209.60	09.22	0	10	026		024	1	ATD3					
SBE 9+	93450-209		TIMES		JD/TIME		DATA LOCATION														
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header														
PRI TEMP SN	696		START DOWN																		
SEC TEMP SN	31450		AT DEPTH																		
PRI COND SN	42490		AT SURFACE																		
SEC COND SN	197		AT SURFACE																		
POS.	TRIP DEPTH	PAR S/N 4603		FLUOR S/N 623P		CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER		WHIT'S NUTR.		
1	230																				
2	200																				
3	175																				
4	150																				
5	125																				
6	100																				
7	75																				
8	50																				
9	30																				
10	20																				
11	10																				
12	Budget																				

Cleaned air bleed valve

REMARKS
Chl Max @ 46M

MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDDB I.D.		STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=159		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 (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO													YR
1405	58	55	N	149	31	28	W	08	JUN	02	1228	09.60	9.22	0	100	24			024047D2L
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTES		FILE NAME/HEADER		DATA LOCATION		REMARKS								
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS								
PRI TEMP SN	696		START DOWN																
SEC TEMP SN	31450		AT DEPTH																
PRI COND SN	42490		AT SURFACE																
SEC COND SN	197		PAR S/N		4003		FLUOR S/N		623P		CLEANED AIR BLEED VALVE								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SAL.		NUTR.	CHL	WHIT'S NUTR.			
1	230											74		5					
2	200													6					
3	175													7					
4	150													8					
5	125													9					
6	100													10					
7	75													11					
8	50													12					
9	30													13					
10	20													14					
11	10													15					
12	Blank													16					

VESSEL		PROJECT & LEG				STATION DESIGNATION							
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.							
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
141	59° 2.57' N	149° 29.61' W	18 JUN 02	1323	19.5	19.1	2	100	26			224	ATD2
SBE 9+	93450-205												
PRESS SN	53586												
PRI TEMP SN	696												
SEC TEMP SN	31450												
PRI COND SN	42490												
SEC COND SN	197												
TRIP DEPTH													
POS.													
1	213												
2	200												
3	175												
4	150												
5	125												
6	100												
7	75												
8	50												
9	30												
10	20												
11	10												
12	Bucket												

CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
						75	17		
							18		
							19		
							20		
							21		
							22		
							23		
							24		
							25		
							26		
							27		
							28		

REMARKS	DATA LOCATION
Chl Max @ 1 m sign	File Name/Header
<input checked="" type="checkbox"/> Cleaned air bleed valve	Tape/Diskette ID
MAX. DEPTH = m	

PAR S/N	4603
FLUOR S/N	623P

VESSEL R/V Maurice Ewing		PROJECT & LEG EW02-05 Leg 2		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		DATE JD= 159		TIME (GMT)		WIND DIRN. (deg)	
LATITUDE		LONGITUDE		DRY BULB (°C)		WIND SPD. (m/s)	
DEG MIN		DEG MIN		WET BULB (°C)		WIND DIRN. (deg)	
14 25 10.62 N		14 19 26.35 W		308.9		095 24	
SBE 9+ 93450-209		TIME (GMT)		PRESSURE (mb)		SEA STATE	
PRESS SN 53586		DATE JD= 159		WET BULB (°C)		WIND DIRN. (deg)	
PRI TEMP SN 696		LONGITUDE		DRY BULB (°C)		WIND SPD. (m/s)	
SEC TEMP SN 31450		DEG MIN		WET BULB (°C)		WIND DIRN. (deg)	
PRI COND SN 47490		14 19 26.35 W		308.9		095 24	
SEC COND SN 197		14 19 26.35 W		308.9		095 24	
TRIP DEPTH		JD/TIME		DATA LOCATION		REMARKS	
1 122		14 19 26.35 W		File Name/Header		Chl Flax @ 1800	
2 100		14 19 26.35 W		Tape/Diskette ID		Cleaned air bleed valve	
3 75		14 19 26.35 W		FLUOR S/N 623P		MAX. DEPTH = m	
4 50		14 19 26.35 W		PAR S/N 4603			
5 30		14 19 26.35 W		CTD CONVERTED MONITOR VALUES			
6 20		14 19 26.35 W		PRESSURE		SALINITY	
7 10		14 19 26.35 W		PRI. TEMP.		SEC. TEMP.	
8 0		14 19 26.35 W		SEC. TEMP.		SALINITY	
9		14 19 26.35 W		SALINITY		SALINITY	
10		14 19 26.35 W		SALINITY		SALINITY	
11		14 19 26.35 W		SALINITY		SALINITY	
12		14 19 26.35 W		SALINITY		SALINITY	
POS.		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1		PRESSURE		PRI. TEMP.		SAL. NUTR. CHL. WHIT'S NUTR.	
2		SEC. TEMP.		SEC. TEMP.		76 29	
3		SALINITY		SALINITY		30 31	
4		SALINITY		SALINITY		32 33	
5		SALINITY		SALINITY		34 35	
6		SALINITY		SALINITY		36	
7		SALINITY		SALINITY			
8		SALINITY		SALINITY			
9		SALINITY		SALINITY			
10		SALINITY		SALINITY			
11		SALINITY		SALINITY			
12		SALINITY		SALINITY			

VESSEL		PROJECT & LEG		STATION DESIGNATION													
RAV Maurice Ewing		EW02-05 Leg. 2		DSDB I.D.													
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 (m)	STA. NAME/ID				
1445	839.89 N	15008.85 W	09 JUN 02	0033	8.8	8.8	1314	131	19			129	PB01				
SBE 9+	93450-209	TIMES	JD/TIME	DATA LOCATION													
PRESS SN	53586	DATA ON		File Name/Header													
PRI TEMP SN	696	START DOWN		Tape/Diskette ID													
SEC TEMP SN	31450	AT DEPTH															
PRI COND SN	42490	AT SURFACE															
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P												
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
1	122																
2	100																
3	75																
4	50																
5	40																
6	30	damaged															
7	20	damaged															
8	10	Also damaged, but water intact															
9	0																
10																	
11																	
12																	

5

VESSEL		PROJECT & LEG				STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											
145	58	36.26	N	150	10	09	20	13	06	02	08.4	8.4	13	1155	14			114	TPB02
SBE 9+		9450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH															
PRI COND SN		42490		AT SURFACE															
SEC COND SN		197		PAR S/N		4603		FLUOR S/N		623P									
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			WHIT'S NUTR.							
1	106								SAL.	NUTR.	CHL	NUTR.	WHIT'S NUTR.						
2									79	58									
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Only one bottle aboard due to sea conditions.

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
RV Maurice Ewing		EW02-05 Leg 2		DR												
COONSC 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 (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO										
146	58	28.90	N	150	13	13	W	09	02	40	8.1	112	149	19	87	PB03
SBE 9+		93450-269		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN		696		START DOWN												
SEC TEMP SN		31450		AT DEPTH												
PRI COND SN		42490		AT SURFACE				<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = 81 m								
SEC COND SN		197		PAR SN		4603		FLUOR SN		623P						
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	SAL	NUTR.	CHL	WHIT'S NUTR.	
1	81												84	59		
2	50													60		
3	30													61		
4	20													62		
5	10													63		
X	0													64		
7																
8																
9																
10																
11																
12																

bucket

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2																				
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	99%	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TRF	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR														MIN
1475	82	4.19	N	15	01	5.22	W	09	JUN	02	03	29	08	2	12	137	19			68	PB04	
SBE 9+	93450209				DATE JD= 160				8.2		8.2											
PRESS SN	53586				DATA ON				Tape/Diskette ID		File Name/Header											
PRI TEMP SN	696				START DOWN																	
SEC TEMP SN	31450				AT DEPTH																	
PRI COND SN	42490				AT SURFACE																	
SEC COND SN	197				AT SURFACE																	
TRIP DEPTH					PAR S/N		4603		FLUOR S/N		623P											
POS.					CTD CONVERTED MONITOR VALUES								SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.													
1	60					83	65															
2	50						66															
3	30						67															
4	20						68															
5	10						69															
6	0						70															
7																						
8																						
9																						
10																						
11																						
12																						

Cleaned air bleed valve

MAX. DEPTH = 60 m

REMARKS

CHL Max @ 0-10m

VESSEL		PROJECT & LEG				STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 160		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
14858	21.81	N	150	16.8	1	W	09	02	04	16	8.4	8.4	12	137	18		53PB05
SBE 9+	93450-209																
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	696		START DOWN														
SEC TEMP SN	31450		AT DEPTH														
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197																
POS.	TRIP DEPTH	PAR S/N		4603		FLUOR S/N		623P									
		CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.						
1	46							82	71								
2	30								72								
3	20								73								
4	10								74								
5	0								75								
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Cleaned air bleed valve

MAX. DEPTH = 46 m

VESSEL		PROJECT & LEG				STATION DESIGNATION								
RV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.								
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	99%	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
1505814.54N	15020.05W	09 JUN 02	0554	9.0	9.0	12			122	21			71	PB07
SBE 9+	93450-209	TIMES	JD/TIME	DATA LOCATION										
PRESS SN	53586	DATA ON		Tape/Diskette ID File Name/Header										
PRI TEMP SN	696	START DOWN												
SEC TEMP SN	31450	AT DEPTH												
PRI COND SN	42490	AT SURFACE												
SEC COND SN	197	PAR S/N	4603	FLUOR S/N	623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES												
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.	
1	65									80	81			
2	50										82			
3	40										83			
4	30										84			
5	20										85			
6	10										86			
7	0										87			
8														
9														
10														
11														
12														

possible deck contamination

Cleaned air bleed valve

CHL MAX @ 24-36m

VESSEL		PROJECT & LEG				STATION DESIGNATION											
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 160		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	90%	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	1515809.15 N	15021.33 W	09 JUN 02	0658	8.6	8.6	140	22								167	TB08
SBE 9+	93450-209		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS								
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header		Cleaned air bleed valve								
PRI TEMP SN	696		START DOWN						MAX. DEPTH = 156 m								
SEC TEMP SN	31450		AT DEPTH														
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAL.		NUTR.	CHL.	WHIT'S NUTR.	SAMPLE BOTTLE NUMBER		
1	156									78		88					
2	125											89					
3	100											90					
4	75											91					
5	40											92					
6	20											93					
X	0	bucket										94					
8																	
9																	
10																	
11																	
12																	

VESSEL		PROJECT & LEG		DSDDB I.D.		STATION DESIGNATION											
RV Maurice Ewing		EW02-05 Leg 2															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 100		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	* * *	(m/s)	* * *	*	(m)	
1525806	96	196	N	150	21	97	W	09	02	08	09	08	14	02	3	0200	PB09
SBE 9+	93450-204				JD/TIME						DATA LOCATION		REMARKS				
PRESS SN	53586				Tape/Diskette ID		File Name/Header										
PRI TEMP SN	696				START DOWN												
SEC TEMP SN	31450				AT DEPTH												
PRI COND SN	42490				AT SURFACE												
SEC COND SN	197				PAR S/N		4603		FLUOR S/N		623B						
POS.	TRIP DEPTH																
1	190																
2	150																
3	125																
4	100																
5	50																
6	30																
7	20																
8	Bucket																
9																	
10																	
11																	
12																	

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER	SAMPLE BOTTLE DATA		SALINITY	SALINITY	SEC. TEMP	PRI. TEMP.	PRESSURE
	SAL.	NUTR.					
50	95						
96							
97							
98							
99							
100							
101							
102							

Chl Max @ 1m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	*	*	(m)			
154	57	56.97	N	150	25	39	W	09	J	UN	02	10	27	08	70	8.6	12	0162	PB111	
SBE 9+		93450-209		JD/TIME				DATA LOCATION		REMARKS										
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header												
PRI TEMP SN		696		START DOWN																
SEC TEMP SN		31450		AT DEPTH																
PRI COND SN		42490		AT SURFACE																
SEC COND SN		197		PAR S/N		44003		FLUOR S/N		623P										
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY							SALINITY	SAL.	NUTR.	CHL	NUTR.	WHIT'S NUTR.			
1	150												52	111						
2	125													112						
3	100													113						
4	75													114						
5	50													115						
6	30													116						
7	20													117						
8	Bucket													118						
9																				
10																				
11																				
12																				

lots of drips after the valve was opened

Cleaned air bleed valve

Ch Max @ Insig

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION						
R/V Maurice Ewing		EW02-05 Leg 2														
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
15658	2.20 N	149	59.86 W	09	133	133	08.000	08.712	1160	18	0293	PBT1				
SBE 9+	93450-209	TIMES		JD/TIME		DATA LOCATION										
PRESS SN	53586	DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	696	START DOWN														
SEC TEMP SN	31450	AT DEPTH														
PRI COND SN	42490	AT SURFACE														
SEC COND SN	197	PAR S/N		4603		FLUOR S/N		6239								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.		
1	283										54	127				
2	240											128				
3	150											129				
4	100											130				
5	50											131				
6	30											132				
7	20											133				
8	Bucket											134				
9																
10																
11																
12																

REMARKS
Ch. Hoye @ Luigs

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION															
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.															
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
1575006.94 N	15003.94 W	03.94 W	09 JUN 02	143508.800	07.12	08.712	130	15	130	15	0268	PBT2									
SBE 9+	93450-209	TIMES	JD/TIME	DATA LOCATION																	
PRESS SN	53586	DATA ON	Tape/Diskette ID	File Name/Header																	
PRI TEMP SN	696	START DOWN																			
SEC TEMP SN	31450	AT DEPTH																			
PRI COND SN	42490	AT SURFACE																			
SEC COND SN	197	PAR S/N	4003	FLUOR S/N	623P																
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER					
1	260					SALINITY											SAL.	NUTR.	CHL.	WHIT'S NUTR.	
2	200																55	135			
3	150																	136			
4	100																	137			
5	60																	138			
6	40																	139			
7	20																	140			
8	Bottom																	141			
9																		142			
10																					
11																					
12																					

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION															
RV Maurice Ewing		EW02-05 Leg 2																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=160		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 (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR	MIN
158581	41.44	N	15006.47	W	09	JUN	02	152608.800	1712				145	13			0135	P873			
SBE 9+	93450-205																				
PRESS SN	53586																				
PRI TEMP SN	626																				
SEC TEMP SN	3450																				
PRI COND SN	42450																				
SEC COND SN	197																				
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	126	4603		623P										85		143					
2	100															144					
3	75															145					
4	50															146					
5	40															147					
6	30															148					
7	20															149					
8	Bucket															150					
9																					
10																					
11																					
12																					

REMARKS
Ch Knox @ Insig

Cleaned air bleed valve
MAX. DEPTH = m

Failed to File!

VESSEL		PROJECT & LEG				STATION DESIGNATION										
R/V Maurice Ewing		EW02-05 Leg 2				DSDB I.D.										
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 (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN										
15958	13.92N	15009	87W	09	JUN	02	16	08.51	2	155	18			0078	PBTA	
SBE 9+	93450-209		JD/TIME		DATA LOCATION											
PRESS SN	53586		DATA ON		Tape/Diskette ID File Name/Header											
PRI TEMP SN	696		START DOWN													
SEC TEMP SN	31450		AT DEPTH													
PRI COND SN	42450		AT SURFACE													
SEC COND SN	197		AT SURFACE													
TRIP DEPTH	60		PAR S/N		4603		FLUOR S/N		6238							
POS.	CTD CONVERTED MONITOR VALUES															
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.				
1									86	151						
2										152						
3										153						
4										154						
5										155						
6										156						
7										157						
8																
9																
10																
11																
12																

REMARKS
chl have mixed

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION													
RAV Maurice Ewing		EW02-05 Leg 2				DSDB I.D.													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN		WIND SPD		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(deg)	(deg)	(m/s)	* * *	* * *	(m)				
1605216.99	N	150	13.00	W	09	J	UN	02	17	00	00	2	00	1	1	1	1	1	
SBE 9+	93450-209		TIMES		JD/TIME				DATA LOCATION		REMARKS								
PRESS SN	53586		DATA ON						Tape/Diskette ID		File Name/Header								
PRI TEMP SN	6816		START DOWN																
SEC TEMP SN	31450		AT DEPTH																
PRI COND SN	47490		AT SURFACE																
SEC COND SN	197																		
POS.	TRIP DEPTH	PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL		WHIT'S NUTR.	
1	46	4403		623P				SALINITY		SALINITY		87		158					
2	40													159					
3	30													160					
4	20													161					
5	10													162					
6	0													1					
7																			
8																			
9																			
10																			
11																			
12																			

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG		DSDDB I.D.		STATION DESIGNATION												
RV Maurice Ewing		EW02-05 Leg 2																
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 (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
16	158	21.84	N	150	16.95	W	09	JUN	02	175000	7.80	7.41	2	135	16		0053	P85
SBE 9+	53450-209		JD/TIME		TAPES/DISKETTE ID		DATA LOCATION											
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	626		START DOWN															
SEC TEMP SN	31450		AT DEPTH															
PRI COND SN	42490		AT SURFACE															
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.							
1	45											88	2					
2	30												3					
3	20												4					
4	15												5					
5	0												6					
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Cleaned air bleed valve

MAX. DEPTH = m

VESSEL		PROJECT & LEG			DSDB I.D.			STATION DESIGNATION				
R/V Maurice Ewing		EW02-05 Leg 1Z						CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
CONSC CAST #	LATITUDE	DATE JD=			TIME (GMT)	WIND DIRN.	WIND SPD.	SEA STATE	WIND DIRN.	WIND SPD.	WIND DIRN.	WIND SPD.
DEG MIN	DEG MIN	DAY	MO	YR	HR	MIN	(deg)	(m/s)	(deg)	(m/s)	(deg)	(m)
163	5726.06N	15	17	2002	01	12	188	13	188	13	95	CBA4
SBE 9+	93450-209	SUN			DATA ON			REMARKS				
PRESS SN	53586	Tape/Diskette ID			File Name/Header			Cleaned air bleed valve				
PRI TEMP SN	696	START DOWN			AT DEPTH			MAX. DEPTH = 88 m				
SEC TEMP SN	31450	AT SURFACE			AT SURFACE							
PRI COND SN	42490	PAR S/N 4603			FLUOR S/N 623P							
SEC COND SN	197	CTD CONVERTED MONITOR VALUES			SALINITY			SALINITY				
TRIP DEPTH		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY
1	88											
2	50											
3	40	Leaker										
4	30											
5	20											
6	0											
7												
8												
9												
10												
11												
12												

5700mm

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION							
RAV Maurice Ewing		EW02-05 Leg X2															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)	WET BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR									MIN
164	57	25.99	N	151	21	42	W	10	MAY	02	01	55			1172	CBAB	
SBE 9+	93450-209		TIMES		JD/TIME		5 UN		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		
PRESS SN	53586		DATA ON						8.2		142		15		CLEANED air bleed valve		
PRI TEMP SN	696		START DOWN						8.2		142		15		MAX. DEPTH = 165 m		
SEC TEMP SN	31450		AT DEPTH														
PRI COND SN	42490		AT SURFACE														
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P								
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1	165													91	19		
2	100																
3	75																
4	50																
5	30																
6	20																
7	0																
8																	
9																	
10																	
11																	
12																	

