

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION						
R/V Maurice Ewing		EW02-05 Leg 2												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		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								
08058	14.69	N	14755.86	W	03	JUN	02	11	14	00.20	0.7	11	135	06
SBE 9+		93450-209		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		
PRESS SN		535810		DATA ON										
PRI TEMP SN		6246		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.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.			
1	1500							109	75					
2	1000								76					
3	750								77					
4	500								78					
5	250								79					
6	150								80					
7	100								81					
8	75								82					
9	50								83					
10	30								84					
11	10								85					
12	0								86					

CASI #

088-114

GAK + FF LINES

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		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
	DEG	MIN	SEC	N	DEG	MIN	SEC	W	DAY	MO	YR	HR	MIN	SEC	(°C)	(°C)	(deg)	(m/s)	* * *	(m)			
089	58	23	30	N	148	04	27	W	03	JUN	02	13	24	08	40	8.3	10	120	10	14	69	AK11	
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		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	
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				DSDB I.D.				STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2																				
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	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	SEC	°C	°C	(deg)	(m/s)	*	*	(m)			
0905832.46	N	148	12	74	W	03	JUN	02	16	10	08	708.610	090	11					1456	GAK	10	
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		1437																				
POS.		1437																				
DATA ON		DATA ON																				
START DOWN		START DOWN																				
AT DEPTH		AT DEPTH																				
AT SURFACE		AT SURFACE																				
FLUOR SN		623P																				
PAR SN		4603																				
CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES																				
PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		
1		1437																				
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		DSDB I.D.		STATION DESIGNATION																						
R/V Maurice Ewing		EW02-05 Leg 2																										
CONSC CAST #	LATITUDE		LONGITUDE		DATE, JD=		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)			
0915836	14	16	14	16	03	JUN	02	10	20	08.3	08.2	10	130	06										0685	GAK9			
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 S/N		4603		FLUOR S/N		623P																			
POS.	TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.									
1	667		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		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													

Cleared 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=154		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)	(°C)	(mb)	* * *	(deg)	(m/s)	* * *	* * *	(m)							
0925840.79	N	14821.06	W	03	J	U	N	02	2003	8.7	8.7	8.7	10	095	11											
SBE 9+	93450-209		JD/TIME																							
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	267		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		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	0																									

bucket

VESSEL		PROJECT & LEG				DSDBI.D.				STATION DESIGNATION								
R/V Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		TIME (GMT)		WET BULB (°C)	99%	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										
0935	84	41.07	N	148	25.25	W	03	JUN	02	21	33	06	11	10			289	GAK8A
SBE 9+		93450-209		TIMES		JD/TIME				DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		
PRESS SN		53586		DATA ON												CHK MAX @ 20m		
PRI TEMP SN		696		START DOWN												Cleaned air bleed valve		
SEC TEMP SN		31450		AT DEPTH														
PRI COND SN		42490		AT SURFACE												MAX. DEPTH = 280 m		
SEC COND SN		197		PAR SN		4603		FLUOR SN		623P								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAL.	NUTR.	CHL	WHIT'S NUTR.							
1	280	280						114	135									
2	260	250							136									
3	180	225							137									
4	125	200							138									
5	100	150							139									
6	75	100							140									
7	50	75							141									
8	40	50							142									
9	30	30							143									
10	20	20							144									
11	10	10							1									
12	0	0							2									

bucket

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION										
RV Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		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												
0945	84	59	N	148	29	W	03	22	34	8.3	8.3	10	8	10			290	GAK8
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		PAR SN		4603		FLUOR SN		6237								
TRIP DEPTH		CTD CONVERTED MONITOR VALUES																
POS		PRESSURE	PRI. TEMP.	SEC. TEMP.	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		DSDB I.D.		STATION DESIGNATION																									
R/V Maurice Ewing		EW02-05 Leg 2																													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN		WIND SPD		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	*	*	*	*	*	*	*	*	*	*	*	*	(m)			
0915	58	52	18	14	8	33	57	W	04	JUN	02	00	10	8.3	8.3	09	105	4													
SBE 9+		93450-209		TIMES		JD/TIME																									
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		6237																					
TRIP DEPTH																															
POS.																															
1	289																														
2	250																														
3	200																														
4	150																														
5	125																														
6	100																														
7	75																														
8	50																														
9	30																														
10	20																														
11	10																														
12	0																														

bucket

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
R/V Maurice Ewing		NK		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								
0916	58	31.36	N	148	37.18	W	04	JUN	02	01	18	01	18	10	3	24	35-AK7
SBE 9+		93450-209		JD/TIME		58.34 37.91		01 09		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS 243	
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		625P							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	WHIT'S NUTR.							
1	230	/							117	27							
2	200	/							118	28							
3	175	/							119	29							
4	150	/							120	30							
5	125	/							121	31							
6	100	/							122	32							
7	75	/							123	33							
8	50	/							124	34							
9	30	/							125	35							
10	20	/							126	36							
11	10	/							127	37							
12	0	/							128	38							

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

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																									
RV Maurice Ewing		EW02-05 Leg 2																													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 155		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		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)			
0918	59	07	01	N	14	84	6	27	W	04	J	U	N	0	2	04	09														
SBE 9+		93450		209		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN		53586																													
PRI TEMP SN		696																													
SEC TEMP SN		31450																													
PRI COND SN		42490																													
SEC COND SN		197																													
POS.		TRIP DEPTH																													
1	145																														
2	125																														
3	102																														
4	75																														
5	50																														
6	40																														
7	32																														
8	20																														
9	10																														
10	0																														
11																															
12																															

FLUOR SN 6237

PAR SN 4603

197

CTD CONVERTED MONITOR VALUES

TRIP DEPTH

POS.

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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		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)						
09959	15.73	N	148.54	56W	04	JUN	02	05	39	8.4	8.4	0.91			07	00	08						172	GAKS					
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		42440		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															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY							SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.													
1	163												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)		WET 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		
10659	24	16	N	149	02	178	W	09	JUN	02	07	07	08	04	09	3	070	11	26	2016	AK4
SBE 9+		93450209		TIMES		JD/TIME		24.60		03		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	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.										
1	1301	192						92	70												
2	175							71													
3	150							72													
4	125							73													
5	100							74													
6	75							75													
7	50							76													
8	40							77													
9	30							78													
10	20							79													
11	10							80													
12	0							81													

Cleared air bleed valve

MAX. DEPTH = 192 m

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION															
RV Maurice Ewing		EW02-05 Leg 2																					
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 155		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)	(deg)	(m/s)	* * *	* * *	* * *	(m)							
10259	41	47	149	19	59	W	04	J	UN	02	11	08	08	2	08	11	09	03	5	07	02	25	GAKE2
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN		535816		DATA ON																			
PRI TEMP SN		6916		START DOWN																			
SEC TEMP SN		31450		AT DEPTH																			
PRI COND SN		47490		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		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL		WHIT'S NUTR.		
1	215														94		94						
2	200																95						
3	150																96						
4	125																97						
5	100																98						
6	75																99						
7	50																100						
8	40																101						
9	30																102						
10	20																103						
11	10																104						
12	End of																105						

☒ 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		WIND DIRN		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN		DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	*	*	*	*		(m)			
1055942.67N	48	40.88	W	04	JUN	02	18	31	07	50	7.80	7	06	5	1	2		01	93		FF2	
SBE 9+	93450-209		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		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		PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1	183		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL		WHIT'S NUTR.			
2	175																					
3	150																					
4	125																					
5	100																					
6	75																					
7	50																					
8	40																					
9	30																					
10	20																					
11	10																					
12	Bucket																					

Cleared 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= 155		TIME (GMT)		DRY BULB		WET BULB					
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)					
106	59	37.17	N	14	8	35.15	W	04	JUN	02	2006	8.4				
SBE 9+ 93450-209			JD/TIME			DATA LOCATION			Tape/Diskette ID			File Name/Header				
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	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	87		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY				SAL.	NUTR.	CHL	WHIT'S	NUTR.
2	75											86	141			
3	50												142			
4	40		#4 leaky										143			
5	30		#5 leaky										144			
6	20												1			
7	10												2			
8	0												3			
9													4			
10																
11																
12																

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION									
RV Maurice Ewing		EW02-05 Leg 2															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	WET BULB (°C)	99%	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
107	59	31.58	N	148	29.46	W	04	JUN	02	21	32	8.6	8.6	08	90	11	FC4
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		CHL MAX @ 20M	
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							
TRIP DEPTH				CTD CONVERTED MONITOR VALUES													
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.	
1		75		70		Finger slip didn't fire at bottom								87		5	
2		70														6	
3		50														7	
4		40														8	
5		30														9	
6		20														10	
7		10														11	
8		0														12	
9																	
10																	
11																	
12																	

Cleared air bleed valve

MAX. DEPTH = 90 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		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)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	(m)				
1105909.70N	14807.51W	05	JUN	02	01	42	8.6	8.6	08	79	8															
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 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	154											
2	100														155											
3	75														156											
4	50														157											
5	40														158											
6	30														159											
7	20														160											
8	10														161											
9	0														162											
10																										
11																										
12																										

Cleared air bleed valve

MAX. DEPTH = 131 m

[illegible]

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)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
112	5856.83N	14755.12W	05 JUN 02	0426	8.6	8.6	0.83	3	252	12	8	2		849	FF81				
SBE 9+		93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header		CUL MAX @ 24m									
PRI TEMP SN		696		START DOWN															
SEC TEMP SN		31450		AT DEPTH															
PRI COND SN		42490		AT SURFACE															
SEC COND SN		197		1 PAR S/N 4603		1 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	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																		

hooked

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	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
1135852.46 N	114750.73 W	05 JUN 02	0625	8.3	8.3	99%	09	258	13				1164	FF9	
SBE 9+ 93450209		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											
TRIP DEPTH		CTD CONVERTED MONITOR VALUES													
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL	WHIT'S NUTR.			
1	1156								52	44					
2	900									45					
3	600									46					
4	300									47					
5	200									48					
6	100									49					
7	75									50					
8	50									51					
9	30									52					
10	20									53					
11	10	#11 did not fire													
12	0									54					

Cleaned air bleed valve

MAX. DEPTH = 1156 m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																							
R/V Maurice Ewing		EW02-05 Leg 2																											
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	156	TIME (GMT)	HR	MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
1114	5844.110	N	147	42.97	W	05	JUN	02	090308	30	7.8	10	255	11							2129	FF10							
SBE 9+	93450-209	TIMES		JD/TIME		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																					
TRIP DEPTH	CTD CONVERTED MONITOR VALUES																												
POS.	1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA															SAMPLE BOTTLE NUMBER						
	2	1000																					SAL.	53	NUTR.	55	CHL.		WHIT'S NUTR.
	3	750																							57				
	4	500																							58				
	5	250																							59				
	6	150																							60				
	7	100																							61				
	8	75																							62				
	9	50																							63				
	10	30																							64				
	11	10																							65				
	12	0																							66				

☒ Cleaned air bleed valve

MAX. DEPTH = m