

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	WIND SPD (m/s)	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
073500	11.55	N	14900.01	W	01	JUN	02	092708	70.7	91.2	07512	0130	ENW6					
SBE 9+	3450-209		JD/TIME		TIMES		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		4003		FLUOR SN		623P									
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER											
1	120						SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.							
2	100							94	37									
3	75	BOTTLE NOT FILLED, INCORRECT SETTINGS																
4	50								38									
5	40								39									
6	30								40									
7	20								41									
8	10								42									
9	0								43									
10									44									
11									45									
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 JD= 152		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		STATION NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	WEATHER	BOTTOM DEPTH			
074	57	58.09	N	148	52.12	W	01	J	U	N	02	11	00	08.60	0703	ENW5		
SBE 9+	93450 2009		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS							
PRESS SN	535126		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Cleaned air bleed valve		MAX. DEPTH = m					
PRI TEMP SN	696																	
SEC TEMP SN	31450																	
PRI COND SN	42490																	
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P									
POS	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		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	Leaker														53		
9	30															54		
10	20															55		
11	10															56		
12	0															57		

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION						
RV Maurice Ewing		EW02-05 Leg 2														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		STATION NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	WEATHER	BOTTOM DEPTH	
0755755.00	N	14043.06	W	01	JUN	02	1309	00.30	21.1	050	14			1282	ENW4	
SBE 9+	53450-202		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN	53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE		MAX. DEPTH =		m			
PRI TEMP SN	696															
SEC TEMP SN	31450															
PRI COND SN	42490															
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	1272								96	58						
2	900									59						
3	600									60						
4	300									61						
5	200									62						
6	100									63						
7	75									64						
8	50									65						
9	30	Leaker								66						
10	20	Leaker								67						
11	10									68						
12	0									69						

VESSEL		PROJECT & LEG		DSDBI.D.		STATION DESIGNATION													
R/V Maurice Ewing		EW02-05 Leg 2																	
CONSCAST #	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 (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO													
0765750.39N	14832.12W	01	JUN	02	170908.308	210	07016											1897	ENW3
SBE 9+		93450-209		JD/TIME		DATA LOCATION		REMARKS											
PRESS SN		53586		Tape/Diskette ID		File Name/Header													
PRI TEMP SN		696																	
SEC TEMP SN		31450																	
PRI COND SN		42490																	
SEC COND SN		197		PAR S/N		FLUOR S/N		MAX. DEPTH = m											
TRIP DEPTH		197		4603		623P													
POS.	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.												
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	NUTR.	CHL.												
1	1880				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													

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
R/V Maurice Ewing		EW02-05 Leg 2																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		TIME (GMT)		WET BULB	99%	PRESSURE	SEA STATE	WIND DIRN	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										
077	57	46.06	N	148	18.62	W	01	JUN	02	2018	8.3	8.3	10	074	17		2958	ENW2
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		MAX. DEPTH = 1501 m												
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	1500											X	82					
2	1000												83					
3	750											98	84					
4	500												85					
5	250												86					
6	150												87					
7	100												88					
8	75												89					
9	50												90					
10	30												91					
11	10												92					
12	0												93					

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																								
R/V Maurice Ewing		EW02-05 Leg 2																												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 152		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	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
0785737	12	N	14756	17	W	01	J	U	N	02	23	47	8.4																	
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										Cleaned air bleed valve																	
PRI COND SN	42440		AT SURFACE										MAX. DEPTH = 1500 m																	
SEC COND SN	197		PAR SN		4603		FLUOR S/N		623P																					
POS.	TRIP DEPTH		CITD CONVERTED MONITOR VALUES		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.							
1	1500		May be location - Bill + Harvey Tied to road handle after start														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											

DRIFTER 36263

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
R/V Maurice Ewing		DR		EW02-05 Leg 2											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	90%	SEA STATE	WIND DIRN	WIND SPD (m/s)	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
79	57 29.94 N	147 35.96 W	153	02 51	8.8	1.0	09		91	12			4792	EW40	
SBE 9+		93450-209		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					
TRIP DEPTH		CTD CONVERTED MONITOR VALUES													
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER							
1	1501							SAL.	NUTR.	CHL	WHIT'S NUTR.				
2	1000							100	106						
3	750								107						
4	500								108						
5	250								109						
6	150								110						
7	100								111						
8	75								112						
9	50								113						
10	30								114						
11	10								115						
12	0								116						
									117						

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		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)	(deg)	(m/s)	*	*	*	*	*	*	*	*	*	(m)			
8057	18	05	N	147	06	15	W	02	J	U	N	02	06	40	8.2	8.2	0837	090	108	54	50	75	01					
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	424490		AT SURFACE																									
SEC COND SN	197		PAR S/N		4603		FLUOR S/N		623P		No PAR on Floor																	
POS.	TRIP DEPTH		CTD CONVERTED MONITOR VALUES																									
1	1500		PRESSURE		Possible		PRI. TEMP.		Sec. TEMP		SALINITY		SALINITY		SAL.		101		118		NUTR.		CHL		WHIT'S NUTR.			
2	1000																											
3	750																											
4	500																											
5	250																											
6	150																											
7	100																											
8	75																											
9	50																											
10	30																											
11	10																											
12	0																											

Calvin worried about bottles not being tightened sufficiently.

1297

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	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(°C)	(°C)	(deg)	(m/s)	*	*	*	*	*	*	*	*	(m)			
084	58	03.74	N	147	46.10	W	02	JUN	02	20	50	8.7	8.7	07	26	3	1	1	22	02					22	02		EN2
SBE 9+		9450-209		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										Cleared air bleed valve														
PRI COND SN		42490		AT SURFACE										MAX. DEPTH = 1500 m														
SEC COND SN		197		PAR SN		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	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

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
RV Maurice Ewing		EW02-05 Leg 2																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 154		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										MIN	
0855	15.55	N	147.40	10.06	W	03	J	U	N	02	00	42	8.7	0.83	82	15	10	22365	EW3
SBE 9+	93450.209		JD/TIME		TIMES		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		MAX. DEPTH = 2300 m								
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	#2 bottle leaky							106	37									
2	1500									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				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		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)				
086	5	82	5	39	N	14	7	35	18	9	W	03	J	U	N	0	2	04	07	8	8	09	11	8	2	10	24	39	ENH
SBE 9+		93450-204		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		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		SAMPLE BOTTLE DATA		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												

Cleaned air bleed valve

MAX. DEPTH = 1500 m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION														
RV Maurice Ewing		EW02-05 Leg 2								ENOS														
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)		
08758	33	01	N	147	32	51	W	03	JUN	02	07	10	8.6	103	8	17	0	0	9			2187	1	ENOS
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								
TRIP DEPTH		CTD CONVERTED MONITOR VALUES																						
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.				
1	1500	1												108		62								
2	1000	1														63								
3	750	1														64								
4	500	1														65								
5	250	1														66								
6	150															67								
7	100															68								
8	75															69								
9	50															70								
10	30															71								
11	20															72								
12	10															73								

Busted 0

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