

0 Deepport Fluir 2182 7 Altin 2800 Depths are under keel
 2 Por 4497
 5 11 Add 2m

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION UNY28					
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.	WEATHER	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(deg)	(m/s)	
15431.20	N	16522.53	W	20	M	A	Y	02	32	0	309
SBE 9+ 08P 26778-0656		TIMES		JD/TIME		DATA LOCATION					
PRESS SN 8 6 5 3 1		DATA ON				Tape/Diskette ID		File Name/Header			
PRI TEMP SN 1771		START DOWN									
SEC TEMP SN 1772		AT DEPTH									
PRI COND SN 2272		AT SURFACE									
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		TRANS. SN cs241dr			
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA			
1	295	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	PAM
2	50							1-1	1-2		
3	50										
4	50										
5	50										
6	0								1-6		
7	0										
8	0										
9	0										
10											
11											
12											

cell counts

Ref

blugon

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
RV Alpha Helix		H X 2 5 9				AK 19													
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD=		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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)		(deg)	(m/s)		(m)	
25	42	09	4N	145	02	13	W	20	01	20								125	
SBE 9+ 08P.26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN 8 6 5 3 1		DATA ON																	
PRI TEMP SN 1771		START DOWN																	
SEC TEMP SN 1772		AT DEPTH																	
PRI COND SN 2272		AT SURFACE																	
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN													
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.		PAM	
1 113		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		PAM	
2 30																			
3 30																			
4 30																			
5 30																			
6 3																			
7 5																			
8 5																			
9 5																			
10																			
11																			
12																			

counts

1 Prod

3

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9				DSDB I.D.		STATION DESIGNATION UNY08																							
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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(m/s)	(deg)	(m/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		
35	00	N	00	00	00	W	02	M	01	02	02	04																			
SBE 9+ 09P.26778-0656		TIMES		JD/TIME		DATA LOCATION		Taper/Diskette ID		File Name/Header		REMARKS																			
PRESS SN 8 6 5 3 1		DATA ON																													
PRI TEMP SN 1771		START DOWN																													
SEC TEMP SN 1772		AT DEPTH																													
PRI COND SN 2272		AT SURFACE																													
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN																									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
1	30	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
2	50	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
3	50	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
4	50	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
5	50	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
6		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
7		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
8		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
9		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
10		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
11		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
12		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	

both
set

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION A12Y14					
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
25403.36 N	16609.85 W	22 MAY 02	11							75	
SBE 9+ D9P 26778-0656		TIMES JD/TIME		DATA LOCATION		REMARKS					
PRESS SN	8 6 5 3 1	DATA ON		Tape/Diskette ID		File Name/Header					
PRI TEMP SN	1771	START DOWN									
SEC TEMP SN	1772	AT DEPTH									
PRI COND SN	2272	AT SURFACE									
SEC COND SN	2251	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLOR SN					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1	65	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL.	NUTR.	CHL.	PAM
2	62							3-1	3-1		
3	62							3-2	3-2		
4	62										
5	62										
6											
7											
8											
9											
10											
11											
12											

Cell count

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION						
RV Alpha Helix		H X 2 5 9				Aky 19						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	WET BULB	DRY BULB	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG	MIN	HR	MIN	SEC	DEG	(m/s)		(m)		
45	09	146	30	12	58					935		
SBE 9+ 09P-26778-0856												
PRESS SN	8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS			
PRI TEMP SN	1771		START DOWN						Prod ::			
SEC TEMP SN	1772		AT DEPTH						Cleaned air bleed valve			
PRI COND SN	2272		AT SURFACE						MAX. DEPTH = m			
SEC COND SN	2251		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CH-LAM SN		TRANS. SN _ cs241dr			
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL	PAM	Other
1	45											
2	45											
3	45											
4	45											
5	5											
6	5											
7	5											
8	5											
9												
10												
11												
12												

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				HLY 19	
CONSC	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN. (deg)
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN			WIND SPD. (m/s)
56409.22	N 16 30.67	W 102 16 46	22 MAY 02	16 46			
	DEG MIN	DEG MIN	DAY MO YR	HR MIN			
SBE 9+09P-26778-0656							
PRESS SN	8 6 5 3 1	DATA ON					
PRI TEMP SN	1771	START DOWN					
SEC TEMP SN	1772	AT DEPTH					
PRI COND SN	2272	AT SURFACE					
SEC COND SN	2251						
POS.	TRIP DEPTH	PAR SN	4 4 9 7	FLUOR SN	0 2 1 8 2	CHLAM SN	
		CTD CONVERTED MONITOR VALUES					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	
1	500					SAL. 5-1	WIND WEATHER
2	250					5-2	WIND WEATHER
3	100					5-3	WIND WEATHER
4	75					5-4	WIND WEATHER
5	50					5-5	WIND WEATHER
6	30					5-6	WIND WEATHER
7	20					5-7	WIND WEATHER
8	10					5-8	WIND WEATHER
9	0					5-9	WIND WEATHER
10							WIND WEATHER
11							WIND WEATHER
12							WIND WEATHER

Cell Counts

County

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION AK17																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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		DEG MIN		DAY MO YR		HR MIN		°C		°C		(mb)		(deg)		(m/s)		(deg)		(m/s)		.		(m)					
754106.81		N 16 22.42		W 02.42		MAY 02 1755																									
SDE 94-09P-26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN 8 6 5 3 1		DATA ON																													
PRI TEMP SN 1771		START DOWN																													
SEC TEMP SN 1772		AT DEPTH																													
PRI COND SN 2272		AT SURFACE																													
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN																									
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		DATA		SAMPLE BOTTLE		TRANS. SN cs241dr		SAMPLE BOTTLE NUMBER		SAL		NUTR.		CHL		PAM		Other			
1 10.5																				7-1		7-1		✓							
2 45																						2		✓							
3 50																						3		✓							
4 30																						4		✓							
5 20																						5		✓							
6 10																						6		✓							
7 0																						7		✓							
8																															
9																															
10																															
11																															
12																															

6.12

all Counts

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSOB I.D.		STATION DESIGNATION 11K716							
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
85405.76N	14637.24W	22 MAY 02	1837									88	
SBE 9+ 09P-26778-0656	TIMES	JD/TIME	DATA LOCATION										
PRESS SN 86531	DATA ON		Tape/Diskette ID File Name/Header										
PRI TEMP SN 1771	START DOWN												
SEC TEMP SN 1772	AT DEPTH												
PRI COND SN 2272	AT SURFACE												
SEC COND SN 2251	PAR SN 4497	FLUOR SN 02182	CHLAM SN	TRANS. SN cs241dr									
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES												
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1 85								SAL	NUTR.	CHL	PAM	Other	
2 50									8-1	✓			
3 30									2	✓			
4 20									3	✓			
5 10									4	✓			
6 0									5	✓			
7									6	✓			
8													
9													
10													
11													
12													

Comb

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				AKY15	
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD=	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO
95	40	16	14	07	W	02	MAY
0	55	N					
SBE 9+09P-26778-0656		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 1771		START DOWN					
SEC TEMP SN 1772		AT DEPTH					
PRI COND SN 2272		AT SURFACE					
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CH-LAM SN	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
POS.	TRIP DEPTH	PRESSURE	PRI TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE NUMBER
1	72						
2	50						
3	30						
4	20						
5	10						
6	0						
7							
8							
9							
10							
11							
12							

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Act

Act

Act

VESSEL RV Alpha Helix				PROJECT & LEG H X 2 5 9				DSD8 I.D.				STATION DESIGNATION AKY14															
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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)											
1	05403.52	N	16610.00	W	2	10	2008																	75			
<p>SBE 9+ 08P 26778-0856</p> <p>DATA ON _____</p> <p>START DOWN _____</p> <p>AT DEPTH _____</p> <p>AT SURFACE _____</p> <p>PAR SN _ 4 4 9 7 <input type="checkbox"/> FLUOR SN _ 0 2 1 8 2 <input type="checkbox"/> CHLAM SN _____</p> <p>SEC COND SN 2251 <input type="checkbox"/> MAX. DEPTH = _____ m</p> <p>TRANS. SN _ 03241dr</p>																											
<p>REMARKS: Prod 5m + Regular (10m)</p> <p>Cleaned air bleed valve</p>																											
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		PAM		Other					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY																					
1	700																										
2	500																										
3	300																										
4	200																										
5	100																										
6	100																										
7	100																										
8	0																										
9	0																										
10	0																										
11	0																										
12	0																										

County

No trip

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION									
RV Alpha Helix		H X 2 5 9						HKY13									
CONSC	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)		WET BULB	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
CAST #	DEG MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)	
115402.35	N 16606.11	W 16606.11	W 16606.11	W 16606.11	W 16606.11	21	01	21	01	21	01	21	01	21	01	49	
SBE 9+09P 26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN 8 6 5 3 1		DATA ON															
PRI TEMP SN 1771		START DOWN															
SEC TEMP SN 1772		AT DEPTH															
PRI COND SN 2272		AT SURFACE															
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN											
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	246	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY
2	30																
3	40																
4	50																
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Cell Counts
only
not

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
RV Alpha Helix		H X 2 5 9				AKY12										
CONSCAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	SEA STATE	PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
125401.15 N	16601.80 W	22 MAY 02	2002												6.7	
SBE 9+ 09F-26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN 8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN 1771		START DOWN														
SEC TEMP SN 1772		AT DEPTH														
PRI COND SN 2272		AT SURFACE														
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN										
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
POS.	DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL	NUTR.	CHL.	PAM	Other				
1	60							12-1	12-1							
2	50								2							
3	30								3							
4	20								4							
5	10								5							
6	0								6							
7																
8																
9																
10																
11																
12																

cell counts

VESSEL						PROJECT & LEG								DSDB I.D.							STATION DESIGNATION																	
RV Alpha Helix						H X 2 5 9															ALYI																	
CONSC CAST #	LATITUDE			LONGITUDE			DATE JD=			TIME (GMT)			DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		SPD. (m/s)		WEATHER		BOTTOM DEPTH		STA. NAME/ID							
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN		(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	* * *	*	*	(m)															
135400	N	16557.4	W	122	MAY	2022	46																															
SBE 9+ 09P-26778-0856	TIMES	JDTIME	DATA LOCATION																												REMARKS							
PRESS SN 8 6 5 3 1	DATA ON		Tape/Diskette ID File Name/Header																																			
PRI TEMP SN 1771	START DOWN																																					
SEC TEMP SN 1772	AT DEPTH																														<input checked="" type="checkbox"/> Cleaned air bleed valve							
PRI COND SN 2272	AT SURFACE																														MAX. DEPTH = m							
SEC COND SN 2251	PAR SN _ 4 4 9 7	FLUOR SN _ 0 2 1 8 2	CHLAM SN	TRANS. SN _ cs241dr																																		
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES																														SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY																													SAL.	NUTR.	CHL.	PAM	Other	
1 75V																																	13-1	13-1				
2 50																																		2				
3 30																																		3				
4 20																																		4				
5 10																																		5				
6 0																																		6				
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION						
RV Alpha Helix		H X 2 5 9						416410						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
145358	74 N	166 53.20 W	20 MAY 02	2323									92	
SBE 9+ 09P 26778-0666		TIMES		JD/TIME	DATA LOCATION									
PRESS SN 8 6 5 3 1		DATA ON			Tape/Diskette ID File Name/Header									
PRI TEMP SN 1771		START DOWN												
SEC TEMP SN 1772		AT DEPTH												
PRI COND SN 2272		AT SURFACE												
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2	CHLAM SN		TRANS. SN cs241dr							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES												
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
1	85										SAL.	NUTR.	CHL.	PAM
2	50										14-1	14-1	✓	✓
3	30											2	✓	✓
4	20											3	✓	✓
5	10											4	✓	✓
6	0											5	✓	✓
7												6	✓	✓
8														
9														
10														
11														
12														

Cell Count

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
RV Alpha Helix		H X 2 5 9				AR 7						
CONSC	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(mb)	(deg)	(m/s)			(m)	
15 62 55.28	N 16 54 0.8	W 10 0 0 3 3	23 MAY 02	00 33							99	
SBE 9+09P-26778-0656		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN 8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header						
PRI TEMP SN 1771		START DOWN										
SEC TEMP SN 1772		AT DEPTH										
PRI COND SN 2272		AT SURFACE										
SEC COND SN 2251												
PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		TRANS. SN cs241dr						
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL.	NUTR.	CHL.	PAM	Other
1	95								154	✓		✓
2	75								2	✓		✓
3	50							153	3	✓		✓
4	30								4	✓		✓
5	20								5	✓		✓
6	10								6	✓		✓
7	0								7	✓		✓
8												
9												
10												
11												
12												

all count

3 field

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9								Aky 4								
CONSC	CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(m)		(m)	
11	53	51	7	4	N	16	5	2	3	14							90	
SBE 9+ 09P 26778-0656		TIMES		JD/TIME		REMARKS												
PRESS SN 8 6 5 3 1		DATA ON				Tape/Diskette ID File Name/Header												
PRI TEMP SN 1771		START DOWN																
SEC TEMP SN 1772		AT DEPTH																
PRI COND SN 2272		AT SURFACE				<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = m												
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLOR SN		TRANS. SN cs241dr										
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.	PAM	Other	
1	85												16-1	16-1	✓		✓	
2	50													2	✓		✓	
3	30													3	✓		✓	
4	20													4	✓		✓	
5	20																	
6	20																	
7	20																	
8	0													18	✓		✓	
9	0																	
10	0																	
11	0																	
12	0																	

Cell Counts

Gelen

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9						1A Ky								
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
175348.2	165	16.15	165	16.15	23	MA	2025	25							125	
SBE 9+ C9P.26778-0666																
PRESS SN		8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS						
PRI TEMP SN		1771		START DOWN												
SEC TEMP SN		1772		AT DEPTH												
PRI COND SN		2272		AT SURFACE												
SEC COND SN		2251														
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES		FLUOR SN _ 0 2 1 8 2		CHLAM SN		TRANS. SN _ csc241dr		SAMPLE BOTTLE NUMBER				
1	120	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.	NUTR.	CHL.	PAM	Other
2	75											17.1	17.1	✓		
3	50												2	✓		
4	30												3	✓		
5	20												4	✓		
6	10												5	✓		
7	0												6	✓		
8													7	✓		
9																
10																
11																
12																

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)															
018	54	05	29	N	106	30	46	W	2	55	0	2	55	0	2	55	0	2	55	0	2	55	0	2	55	0	2	55	0	2	55
SBE 9+ 09P.26778-0666																															
PRESS SN		8 6 5 3 1		DATA ON																											
PRI TEMP SN		1771		START DOWN																											
SEC TEMP SN		1772		AT DEPTH																											
PRI COND SN		2272		AT SURFACE																											
SEC COND SN		2251		PAR SN		4 4 9 7		FLUOR SN		0 2 1 8 2		CHLAM SN																			
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																											
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1		14																													
2		14																													
3		14																													
4		14																													
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

REMARKS

Plan

Cleared air bleed valve

MAX. DEPTH = m

TRANS. SN - cs241dr

SAMPLE BOTTLE NUMBER

V1 starting to have 0.01 instead of just 0.00, just on way down, deep

PG _ OF _

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION UNY30																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		(mb)		°		(deg)		(m/s)		°				(m)			
195433.65		N 16548.19		W 251		MAY 02		1749																4224N 130			
SBE 9+ 09P 26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN 8 6 5 3 1		DATA ON																									
PRI TEMP SN 1771		START DOWN																									
SEC TEMP SN 1772		AT DEPTH																									
PRI COND SN 2272		AT SURFACE																									
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN																					
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SALINITY		SAL		NUTR.		CHL		PAM		Other					
1		410																									
2		250																									
3		100																									
4		75																									
5		50																									
6		30																									
7		20																									
8		10																									
9		0																									
10																											
11																											
12																											

+ cell counts avg UNY

net 8+9

blue300

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				UNY28	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)
	DEG	MIN	DEG	MIN	DAY	NO	HR
205431	1	24	165	39	5	1	1900
SBE 9+ ODP 26778-0658	TIMES		JD/TIME		DATA LOCATION		
PRESS SN 8 6 5 3 1	DATA ON		Tape/Diskette ID			File Name/Header	
PRI TEMP SN 1771	START DOWN						
SEC TEMP SN 1772	AT DEPTH						
PRI COND SN 2272	AT SURFACE						
SEC COND SN 2251	PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		TRANS. SN CS241dr
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA
1	297						
2	100						
3	75						
4	50						
5	30						
6	30						
7	30						
8	20						
9	20						
10	50						
11	50						
12	50						

REMARKS
Prod

Cleaned air bleed valve

MAX. DEPTH = m

Alt
8900

No good spot fires

3. 5. October

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
RV Alpha Helix		H X 2 5 9				42723							
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
2254	25.43N	165.18.64W	25 MAY 2022	12								157	
SBE 9+08P-26778-0666		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN	8 6 5 3 1	DATA ON				Tape/Diskette ID		File Name/Header					
PRI TEMP SN	1771	START DOWN											
SEC TEMP SN	1772	AT DEPTH											
PRI COND SN	2272	AT SURFACE											
SEC COND SN	2251	PAR SN		4 4 9 7		FLUOR SN		0 2 1 8 2		CHLAM SN			
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SALINITY	
1	145	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY	
2	100												
3	75												
4	50												
5	30												
6	20												
7	10												
8	0												
9													
10													
11													
12													

250t

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				UNY20	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)
DEG MIN	DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	
23 54 22.08 N	14 50 06.11 W	25	11	20	22	23	5
SBE 9+08P-26778-0656	TIMES		JD/TIME		DATA LOCATION		
PRESS SN 8 6 5 3 1	DATA ON				Tape/Diskette ID		
PRI TEMP SN 1771	START DOWN				File Name/Header		
SEC TEMP SN 1772	AT DEPTH						
PRI COND SN 2272	AT SURFACE						
SEC COND SN 2251	PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER
1	130						
2	75						
3	50						
4	30						
5	20						
6	10						
7	0						
8							
9							
10							
11							
12							

get

Current - didn't get near bottom

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
RV Alpha Helix		H X 2 5 9				40Y18						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	HR	MIN	(°C)	(mb)	(deg)	(m/s)		(m)	
24	19.82	116.458	060206	00	00	00	00	00	00			
SBE 9+09P-26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS				
PRESS SN 8 6 5 3 1		DATA ON				Tape/Diskette ID		Prod				
PRI TEMP SN 1771		START DOWN										
SEC TEMP SN 1772		AT DEPTH										
PRI COND SN 2272		AT SURFACE										
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		MAX. DEPTH =		m		
POS. TRIP		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAL.		CHL.		PAM		Other
DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Other
1	75									1		
2	50									2		
3	30									3		
4	20									4		
5	10											
6	10											
7	10									7		
8	10											
9	0											
10	0									10		
11	0											
12	0											

cell counts

get

get

get

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION											
RV Alpha Helix		H X 2 5 9				UN 710											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
25517	17.55	N 164	49.83	W 26	16	11	0150									634	UN 710
SBE 9+ ODP 26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN 8 6 5 3 1		DATA ON															
PRI TEMP SN 1771		START DOWN															
SEC TEMP SN 1772		AT DEPTH															
PRI COND SN 2272		AT SURFACE															
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN											
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SALINITY		SAL		NUTR.		CHL PAM	
1 55		PRESSURE		PRI TEMP.		SEC TEMP		SALINITY		SALINITY		25.1		25.1		1	
2 30														2		1	
3 20														3		1	
4 10														4		1	
5 0														5		1	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Cells

Get

327

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION															
RV Alpha Helix		H X 2 5 9				UNYII															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	WET BULB	DRY BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID						
2754	11.62N	16428.32W	16	28	01	02	04	20	20	0	0	0	0	94							
SBE 9+ 08P.26778-0658		TIMES		JD TIME		DATA LOCATION		REMARKS													
PRESS SN 8 6 5 3 1		DATA ON				Tape/Diskette ID		File Name/Header													
PRI TEMP SN 1771		START DOWN																			
SEC TEMP SN 1772		AT DEPTH																			
PRI COND SN 2272		AT SURFACE																			
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		MAX. DEPTH = m													
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.		PAM		Other			
1	80	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		PAM		Other	
2	50																				
3	30																				
4	20																				
5	10																				
6	0																				
7																					
8																					
9																					
10																					
11																					
12																					

3 set

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION			
RV Alpha Helix		H X 2 5 9								UNY08			
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	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(%)	(m)		
286408	27N	16415.83W	26 MAY 02	0525								77	
SBE 9+ 09P-26778-0656													
PRESS SN	8 6 5 3 1			DATA ON			Tape/Diskette ID			File Name/Header			
PRI TEMP SN	1771			START DOWN									
SEC TEMP SN	1772			AT DEPTH									
PRI COND SN	2272			AT SURFACE									
SEC COND SN	2251			PAR SN_ 4 4 9 7			FLUOR SN_ 0 2 1 8 2			CHLAM SN			
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES											
		PRESSURE	PRI TEMP.	SEC TEMP	SALINITY	SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER				
1	70												
2	50												
3	30												
4	20												
5	10												
6	0												
7													
8													
9													
10													
11													
12													

35262

5-2
for

VESSEL						PROJECT & LEG								DSDB I.D.								STATION DESIGNATION							
RV Alpha Helix						H X 2 5 9																70712							
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									
205	141	.09 N	178	24.25 W	29	MAY	02	16	23	426											
SBE 9+ C/P. 26778-0656	TIMES		JD/TIME		DATA LOCATION															REMARKS									
PRESS SN 8 6 5 3 1	DATA ON				Tape/Diskette ID															File Name/Header									
PRI TEMP SN 1771	START DOWN																												
SEC TEMP SN 1772	AT DEPTH																												
PRI COND SN 2272	AT SURFACE																			Cleaned air bleed valve									
SEC COND SN 2251																				MAX. DEPTH = 75 m									
POS.	TRIP	DEPTH	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN _		TRANS. SN _ cs241dr											SAMPLE BOTTLE NUMBER									
			CTD CONVERTED MONITOR VALUES																										
			PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.	CHL.	PAM	Other											
1	77												304																
2	5																												
3	5																												
4	5																												
5	5																												
6	5																												
7	5																												
8																													
9																													
10																													
11																													
12																													

VESSEL RV Alpha Helix						PROJECT & LEG H X 2 5 9								DSDB I.D.							STATION DESIGNATION <i>N701</i>							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD#		TIME (GMT)		DRY BULB °C		WET BULB °C		PRESSURE	VISIBILITY	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)	(mi)	.	(m)									
<i>315125.63 N</i>		<i>177744.6 W</i>		<i>29 MAY 02</i>				<i>2040</i>												<i>1368</i>								
SBE 9+ OSP 26778-0666		TIMES		JD/TIME		DATA LOCATION		REMARKS																				
PRESS SN 8 6 5 3 1		DATA ON _____		Tape/Diskette ID		File Name/Header																						
PRI TEMP SN 1771		START DOWN _____																										
SEC TEMP SN 1772		AT DEPTH _____																										
PRI COND SN 2272		AT SURFACE _____																										
SEC COND SN 2251																												
PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN _____																								
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA																										
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY																							
1	<i>40</i>																											
2	<i>40</i>																											
3	<i>40</i>																											
4	<i>40</i>																											
5	<i>0</i>																											
6	<i>0</i>																											
7	<i>0</i>																											
8	<i>0</i>																											
9																												
10																												
11																												
12																												

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9				1272								
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	WET BULB	DRY BULB	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	(m)
325204.05	N	17	28	28	79	30	01	16	49					
SBE # 09P-26779-0656	TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN 86531	DATA ON				Tape/Diskette ID		File Name/Header							
PRI TEMP SN 1771	START DOWN													
SEC TEMP SN 1772	AT DEPTH													
PRI COND SN 2272	AT SURFACE													
SEC COND SN 2251														
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		FLUOR SN_ 0 2 1 8 2		CH-LAM SN		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		TRANS. SN _cs241dr		
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY									
1	02													
2	0													
3	0													
4	0													
5	0													
6	0													
7	0													
8														
9														
10														
11														
12														

Cul counts

5-25

150
5/700
5/15

Temp difference 2-10 high in middle

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																							
RV Alpha Helix		H X 2 5 9				TNY21																							
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	
335203	96	N	178	28	82	W	30	M	A	Y	02	17	16																
SBE 9+ 09P 26778-0656																													
PRESS SN 8 6 5 3 1																													
PRI TEMP SN 1771																													
SEC TEMP SN 1772																													
PRI COND SN 2272																													
SEC COND SN 2251																													
PAR SN 4 4 9 7																													
FLUOR SN 0 2 1 8 2																													
CHLOR SN																													
CTD CONVERTED MONITOR VALUES																													
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL		NUTR.		CHL		PAM		Other		TRANS. SN_cst241dr		SAMPLE BOTTLE NUMBER			
1	500													33-1		33-1													
2	250															2													
3	100															3		15											
4	75															4													
5	50															5													
6	30															6													
7	20															7													
8	10															8													
9	0															9													
10																													
11																													
12																													

REMARKS (Not sure)
C203

Cleaned air bleed valve

MAX. DEPTH = m

Cell Corrupt

VESSEL				PROJECT & LEG				DSDB I.D.				STATION DESIGNATION												
RV Alpha Helix				H X 2 5 9								TNY18												
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DATE JD#	DAY	NO	YR	HR	MIN	TIME (GRT)	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
345156	11	N	17826.99	26	W	30	MAY	02	1	850													2600	
SBE 9+ OSP 26778-0656				TIMES				JD/TIME				DATA LOCATION				REMARKS								
PRESS SN 8 6 5 3 1				DATA ON				Tape/Diskette ID				File Name/Header				Correct head								
PRI TEMP SN 1771				START DOWN																				
SEC TEMP SN 1772				AT DEPTH																				
PRI COND SN 2272				AT SURFACE												Cleaned air bleed valve								
SEC COND SN 2251				PAR SN 4 4 9 7				FLUOR SN 0 2 1 8 2				CHLAM SN				MAX. DEPTH = m								
POS.				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER				TRANS. SN _cs241dr								
TRIP DEPTH				PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY								
1 500																SAL								
2 250																NUTR								
3 100																CHL								
4 75																PAM Other								
5 50																								
6 30																								
7 20																								
8 10																								
9 0																								
10 0																								
11																								
12																								

Count

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				12714	
CONSC	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	WIND DIRN. SPD. (m/s)
CAST #	DEG MIN	DEG MIN	DAY NO	HR MIN	BULB (°C)	BULB (°C)	WIND DIRN. SPD. (m/s)
365144.86	N 17 30	W 17 30	30	12 12			1414
SBE 9+ ODP 26778-0656	JD TIME		Tape/Diskette ID		REMARKS		
PRESS SN 8 6 5 3 1	DATA ON		File Name/Header				
PRI TEMP SN 1771	START DOWN						
SEC TEMP SN 1772	AT DEPTH						
PRI COND SN 2272	AT SURFACE				Cleaned air bleed valve		
SEC COND SN 2251	PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		MAX. DEPTH = m		
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		TRANS. SN cs241dr	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	NUTR. CHL. PAM Other
1	750						
2	500					36-2	
3	250						
4	100						
5	75						
6	50						
7	30						
8	20						
9	10						
10	10						
11	0						
12							

Cell count

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
RV Alpha Helix		H X 2 5 9				NY 13						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD#	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE PRESSURE (mb)	WIND DIRN. SPD. (deg) (m/s)	WIND TYPE (amb)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
375	42.98N	178.27W	30 MAY 01	2244							809	
SBE # 08P-26778-0656		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN 8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header						
PRI TEMP SN 1771		START DOWN										
SEC TEMP SN 1772		AT DEPTH										
PRI COND SN 2272		AT SURFACE										
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN						
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	730	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL	NUTR.	CHL	PAM	Other
2	500											
3	250											
4	100											
5	75											
6	50											
7	30											
8	20											
9	10											
10	10											
11	0											
12												

[illegible]

VESSEL		PROJECT & LEG		OSDB I.D.		STATION DESIGNATION													
RV Alpha Helix		H X 2 5 9				TAXI 2													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. SPD. (deg) (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN
39514	11	18	N	17824	48	W	30	M	A	Y	0	2					4/31		
SBE 9+ 09P 26778-0656		TIMES		JD/TIME		REMARKS													
PRESS SN 8 6 5 3 1		DATA ON		File Name/Header															
PRI TEMP SN 1771		START DOWN																	
SEC TEMP SN 1772		AT DEPTH																	
PRI COND SN 2272		AT SURFACE		<input type="checkbox"/> Cleaned air bleed valve															
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		MAX. DEPTH = m											
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL	NUTR.	CHL	PAM	Other								
1	405																		
2	200																		
3	100																		
4	75																		
5	50																		
6	30																		
7	20																		
8	10																		
9	0																		
10	0																		
11																			
12																			

NOTE - Nutrients labelled 138

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				70710	
CONSC	LATITUDE	LONGITUDE		DATE JD#		TIME	WET BULB
CAST #	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB	WIND DIRN.
405	37.83 N	78.17 W	84 W	MAY 02		(°C)	(deg)
SBE 9+ OSP 26778-0656		JD TIME		DATA LOCATION		REMARKS	
PRESS SN	8 6 5 3 1	DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN	1771	START DOWN					
SEC TEMP SN	1772	AT DEPTH					
PRI COND SN	2272	AT SURFACE				Cleared air bleed valve	
SEC COND SN	2251	PAR SN_ 4 4 9 7		FLUOR SN_ 0 2 1 8 2		CHLAM SN	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	NUTR.
1	360						1
2	260						2
3	100					48.3	3
4	75						4
5	50						5
6	30						6
7	20						7
8	10						8
9	0						10
10	0						✓
11							
12							

Ced Counts

Waterbottles Labelled 39

350

Nuherents corrected
to say 41

Nuherents corrected
to say 41

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
RV Alpha Helix		H X 2 5 9				19NY05							
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m/s)	(m)	(m)	
425129.52N	17800.57W	31 MAY 02	0358									1256	
SBE 9+ 08P-26778-0656		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	8 6 5 3 1	Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1771												
SEC TEMP SN	1772												
PRI COND SN	2272												
SEC COND SN	2251												
TRIP DEPTH	POS.	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	NUTR.						
1	750						1						
2	500						2						
3	250						3						
4	100						4						
5	75						5						
6	50						6						
7	30						7						
8	20						8						
9	10						9						
10	0						11						
11													
12													

VESSEL	PROJECT & LEG	DSDB I.D.	STATION DESIGNATION											
R/V Alpha Helix	H X 2 5 9		JNY02											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPED WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY NO	HR MIN	(°C)	(°C)	(mb)	.	(deg)	(m/s)	(m)	
435126711N	48.76W	31 MAY 02	0524										15.08	
SRE 9-0SP 26778-0656	TIMES	JD/TIME	DATA LOCATION	File Name/Header	REMARKS									
PRESS SN 86531	DATA ON		Tape/Diskette ID											
PRI TEMP SN 1771	START DOWN													
SEC TEMP SN 1772	AT DEPTH				<input checked="" type="checkbox"/> Cleaned air bleed valve									
PRI COND SN 2272	AT SURFACE				MAX. DEPTH = m									
SEC COND SN 2251	PAR SN _ 4 4 9 7	FLUOR SN_ 0 2 1 8 2	CH-LAM SN	TRANS. SN _ cs241dr										
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA									
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL. NUTR. CHL. PAM Other									
1 500					1 - - - - -									
2 250					2 - - - - -									
3 100					3 - - - - -									
4 75					4 - - - - -									
5 50					5 - - - - -									
6 30					6 - - - - -									
7 20					7 - - - - -									
8 10					8 - - - - -									
9 0					43-9 9 - - - -									
10														
11														
12														

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION TX05																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)															
14	51	38	9	16	N	17	8	0	8	22	W	3	1	M	A	Y	0	2	16	2	1										
SBE 9+ 09P-26778-0656		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		DATA LOCATION		REMARKS																			
PRESS SN 8 6 5 3 1		DATA ON		Tape/Diskette ID		DATA LOCATION		REMARKS																							
PRI TEMP SN 1771		START DOWN		Tape/Diskette ID		DATA LOCATION		REMARKS																							
SEC TEMP SN 1772		AT DEPTH		Tape/Diskette ID		DATA LOCATION		REMARKS																							
PRI COND SN 2272		AT SURFACE		Tape/Diskette ID		DATA LOCATION		REMARKS																							
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHLAM SN		TRANS. SN cs241dr																							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	50	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
2	30	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
3	20	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
4	10	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
5	0	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
6		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
7		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
8		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
9		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
10		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
11		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
12		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	

Cell Count

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
RV Alpha Helix		H X 2 5 9								12404									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(m/s)	(m/s)		(m)		
45138.13	N	17	11	56	31	M	A	Y	0	2	1	6	4	7			100		
SBE 9+ 09P.26778-0656																			
PRESS SN	8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS										
PRI TEMP SN	1771		START DOWN																
SEC TEMP SN	1772		AT DEPTH																
PRI COND SN	2272		AT SURFACE																
SEC COND SN	2251		PAR SN_ 4 4 9 7		FLUOR SN_ 0 2 1 8 2		CHLAM SN												
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA													
1	90					SALINITY													
2	50					SALINITY													
3	30					SALINITY													
4	20					SALINITY													
5	10					SALINITY													
6	0					SALINITY													
7						SALINITY													
8						SALINITY													
9						SALINITY													
10						SALINITY													
11						SALINITY													
12						SALINITY													

[illegible]

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION T 2702						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	WEATHER CLOUD (amt)	BOTTOM DEPTH (m)	STA. NAME/ID
4751351.27N	1782157W	1782157W	31 MAY 02	1817								
SBE 9+ 09P-26778-0656		TIMES		JD/TIME	DATA LOCATION							
PRESS SN 8 6 5 3 1		DATA ON			Tape/Diskette ID File Name/Header							
PRI TEMP SN 1771		START DOWN										
SEC TEMP SN 1772		AT DEPTH										
PRI COND SN 2272		AT SURFACE										
SEC COND SN 2251		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2	CHLAM SN		TRANS. SN _cs241dr					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAL.	NUTR.	CHL.	PAM	Other
1	175								1			
2	100								2			
3	75							47-3	3			
4	50								4			
5	30								5			
6	20								6			
7	10								7			
8	0								8			
9												
10												
11												
12												

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				TNXO	
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)
178 26.31	178 26.31	178 26.31	1 MAY 02	18 55			
SBE 9+ 09P-26778-0856		JD/TIME		REMARKS			
PRESS SN	8 6 5 3 1	DATA ON		Tape/Diskette ID			
PRI TEMP SN	1771	START DOWN		File Name/Header			
SEC TEMP SN	1772	AT DEPTH					
PRI COND SN	2272	AT SURFACE					
SEC COND SN	2251	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN _	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	NUTR.
1	75						1
2	50						2
3	30						3
4	20						4
5	10						5
6	0						6
7							
8							
9							
10							
11							
12							

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
RV Alpha Helix		H X 2 5 9				56 Y 17											
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	
495207.25 N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN						1241		
	17307.47 W				24	JUN	02	20	12								
SBE 9+ C9P 26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN	8 6 5 3 1	DATA ON															
PRI TEMP SN	1771	START DOWN															
SEC TEMP SN	1772	AT DEPTH															
PRI COND SN	2272	AT SURFACE															
SEC COND SN	2251																
POS.	TRIP DEPTH	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN		TRANS. SN _ cs241dr		SAMPLE BOTTLE DATA		SAL.		NUTR.	CHL.	PAM	Other
1	35	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY									
2	35																
3	35																
4	35																
5	0																
6	0																
7	0																
8	0																
9																	
10																	
11																	
12																	

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSD8 I.D.		STATION DESIGNATION 56Y17										
CONISC 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	
505207.20N	7307.48W	2002	2031	2031	2031	2031	2031	2031	2031	2031	2031	2031	2031	1045	1054	
SBE 9+ 09P 26778-0656		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		1054		
PRESS SN	8 6 5 3 1	DATA ON														
PRI TEMP SN	1771	START DOWN														
SEC TEMP SN	1772	AT DEPTH														
PRI COND SN	2272	AT SURFACE														
SEC COND SN	2251	PAR SN		4 4 9 7	FLUOR SN		0 2 1 8 2	CHLAM SN		TRANS. SN		cs241dr				
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.	CHL.	PAM	Other	
1	500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	PAM	Other					
2	250															
3	100															
4	75															
5	50															
6	30															
7	20															
8	10															
9	0															
10	0															
11																
12																

120-
200
COLD
1000

Call
Covers

20
50
100

Winch problems at 335-
large # p's there