

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
RV Alpha Helix		H X 2 4 5				Alegu 15							
CONSCAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	WET BULB (°C)	DRY BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
8154	4.5	116.14	10	14	5	1741						78	
SBE 9+09P 19507-0533		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID							
PRI TEMP SN 2578		START DOWN											
SEC TEMP SN 2708		AT DEPTH											
PRI COND SN 638		AT SURFACE											
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHIAM SN		TRANS. SN					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
1	75	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	PAM	Other		
2	56												
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

both
ret

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
RV Alpha Helix		H X 2 4 5				May 17										
CONSCAST #	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
8254	3.37	166	9.94	W15	JUN 01	1809									74	
SBE 9+ 09P 19507-0533		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID		File Name/Header								
PRI TEMP SN 2578		START DOWN														
SEC TEMP SN 2708		AT DEPTH														
PRI COND SN 638		AT SURFACE														
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHAM SN		TRANS. SN								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
1	67	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL.	NUTR.	CHL.	PAM	Other				
2	35							88-1	449							
3									450							
4																
5																
6																
7																
8																
9																
10																
11																
12																

both
Ref

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
RV Alpha Helix		H X 2 4 5				84-12													
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/s)	(m)		
	8454	11	08	11	06	15	JUN	01	19	07							70		
SBE 9+ 08P 19507-0533		TIMES		JD/TIME		REMARKS													
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID File Name/Header													
PRI TEMP SN 2578		START DOWN																	
SEC TEMP SN 2708		AT DEPTH																	
PRI COND SN 638		AT SURFACE				<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = m													
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHAM SN		TRANS. SN											
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA													
1	60					SAL. NUTR. CHL. PAM Other													
2	5FL					84-1453 454													
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

VESSEL						PROJECT & LEG							DSDB I.D.								STATION DESIGNATION																													
RV Alpha Helix						H X 2 4 5															Hog 11																													
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	SEC	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	* * *	(deg)	(m/s)	* * *																																		
855359	00N	16557	40W	15	JUN	01	1936																																											
SBE 9+ 09P 19507-0533			TIMES			JD/TIME			DATA LOCATION																			REMARKS																						
PRESS SN 6 8 4 6 7			DATA ON						Tape/Diskette ID File Name/Header																																									
PRI TEMP SN 2578			START DOWN																																															
SEC TEMP SN 2708			AT DEPTH																									<input type="checkbox"/> Cleaned air bleed valve																						
PRI COND SN 638			AT SURFACE																									MAX. DEPTH = m																						
SEC COND SN 2272			<input type="checkbox"/> PAR SN _ 4 4 9 7			<input type="checkbox"/> FLUOR SN _ 0 2 1 8 2			<input type="checkbox"/> CHAM SN																						<input type="checkbox"/> TRANS. S/N _____																			
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	90																																																	
2	582																																													455				
3																																														456				
4																																																		
5																																																		
6																																																		
7																																																		
8																																																		
9																																																		
10																																																		
11																																																		
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VESSEL RV Alpha Helix	PROJECT & LEG H X 2 4 5						DSDB I.D.								STATION DESIGNATION <i>Ky09</i>									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	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)											
87-5357.51	N	16549.48W	5 JUN 01	2029	.	.	.	.	.	.	.	.	79				
SBE 9+ OBP 19507-0533	TIMES	JT/TIME	DATA LOCATION												REMARKS									
PRESS SN 6 8 4 6 7	DATA ON			File Name/Header																				
PRI TEMP SN 2578	START DOWN																							
SEC TEMP SN 2708	AT DEPTH															<input type="checkbox"/> Cleaned air bleed valve								
PRI COND SN 638	AT SURFACE															MAX. DEPTH = m								
SEC COND SN 2272	<input type="checkbox"/>			PAR SN _ 4 4 9 7			<input type="checkbox"/>			FLUOR SN _ 0 2 1 8 2			<input type="checkbox"/>			CHAM SN			<input type="checkbox"/>			TRANS. SN		
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES												SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER							
1	70	PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY			SALINITY			SAL.			NUTR.	CHL.	PAM	Other							
2	55													459										
3														460										
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

VESSEL RV Alpha Helix			PROJECT & LEG H X 2 4 5			DSDB I.D.			STATION DESIGNATION													
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)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN											
88	52	56	.36 N	165	45	.03 W	15	JUN	01	20	56	99	
SBE 9+ 09P, 19507-0533	TIMES	JD/TIME	DATA LOCATION																			REMARKS
PRESS SN 6 8 4 6 7	DATA ON _____			Tape/Diskette ID			File Name/Header															
PRI TEMP SN 2578	START DOWN _____																					
SEC TEMP SN 2708	AT DEPTH _____																<input type="checkbox"/> Cleaned air bleed valve					
PRI COND SN 638	AT SURFACE _____																MAX. DEPTH = m					
SEC COND SN 2272	<input checked="" type="checkbox"/>	PAR SN _ 4 4 9 7	<input type="checkbox"/>	FLUOR SN _ 0 2 1 8 2	<input type="checkbox"/>	CHAM SN	<input type="checkbox"/> TRANS. SN															
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES																					
	PRESSURE	PRI. TEMP.	SEC. TEMP		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR.	CHL.	PAM									
1 86																						
2 50																						
3 40																						
4 30																						
5 20																						
6 10																						
7 0																						
8																						
9																						
10																						
11																						
12																						

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
RV Alpha Helix		H X 2 4 5								A8407								
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		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
895355	30N	16540	85W	15	JUN	01	21	35								100		
SBE 9+09P 19507-0533																		
PRESS SN		6 8 4 6 7		DATA ON														
PRI TEMP SN		2578		START DOWN														
SEC TEMP SN		2708		AT DEPTH														
PRI COND SN		638		AT SURFACE														
SEC COND SN		2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN										
CTD CONVERTED MONITOR VALUES																		
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER				
												SAL.	NUTR.	CHL.	PAM	Other		
1	95													468				
2	50													469				
3	40													470				
4	30													471				
5	20													472				
6	10													473				
7	0																	
8																		
9																		
10																		
11																		
12																		

2025

VESSEL RV Alpha Helix				PROJECT & LEG H X 2 4 5				DSDB I.D.				STATION DESIGNATION																		
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)	
90	53	54	14	N	16	53	9	76	W	15	J	U	N	0	12	14
SBE 9+ 09P 19507-0533				TIMES				JD/TIME				DATA LOCATION				REMARKS														
PRESS SN 6 8 4 6 7				DATA ON				Tape/Diskette ID				File Name/Header																		
PRI TEMP SN 2578				START DOWN																										
SEC TEMP SN 2708				AT DEPTH																										
PRI COND SN 638				AT SURFACE																										
SEC COND SN 2272				PAR SN _ 4 4 9 7				FLUOR SN _ 0 2 1 8 2				CHAM SN																		
POS. TRIP				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE				DATA				SAMPLE BOTTLE NUMBER														
DEPTH																														
1	87																													
2	50																													
3	40																													
4	30																													
5	20																													
6	10																													
7	0																													
8																														
9																														
10																														
11																														
12																														

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
RV Alpha Helix		H X 2 4 5																	
CONSCAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
915416.09N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m/s)	(m)			
SBE 9+ 09P 19507-0533		1640.91W		18 JUN 01		0604													
TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN 6 8 4 6 7		DATA ON																	
PRI TEMP SN 2578		START DOWN																	
SEC TEMP SN 2708		AT DEPTH																	
PRI COND SN 638		AT SURFACE																	
SEC COND SN 2272		PAR S/N 4 4 9 7		FLUOR S/N 0 2 1 8 2		CHIAM S/N													
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER													
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	PAM	Other								
1	128							481	✓										
2	75							482	✓										
3	50							483	✓										
4	40							484	✓										
5	30							485	✓										
6	20							486	✓										
7	10							487	✓										
8	0							488	✓										
9																			
10																			
11																			
12																			

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 4 5				40730	
CONSC		LATITUDE		LONGITUDE		DATE JD=	
CASST #		DEG	MIN	DEG	MIN	DAY	MO
9254		N	16.5	W	13	JUN	01
		TIME	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	WEATHER
		(GMT)	(°C)	(mb)	(deg)	(m/s)	(m)
		14	.	.	.	.	420
SBE 9+ 09P 19507-0533		JD/TIME		DATA LOCATION		REMARKS	
PRESS SN 6 8 4 6 7		Tape/Diskette ID		File Name/Header			
PRI TEMP SN 2578							
SEC TEMP SN 2708							
PRI COND SN 638							
SEC COND SN 2272							
PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN		TRANS. SN	
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	NUTR.
1	410					497	✓
2	250					498	✓
3	100					499	✓
4	50					500	✓
5	40					501	✓
6	30					502	✓
7	20					503	✓
8	10					504	✓
9	0					505	✓
10							
11							
12							

Helix

VESSEL RV Alpha Helix				PROJECT & LEG H X 2 4 5				DSDB I.D.				STATION DESIGNATION UNY38																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD 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)											
9	5	4	3	1	10	N	16	5	3	9	5	6	W	1	8	J	U	N	0	1	1	5	5						
SBF 9+ 09P 19507-0533				TIMES				JD/TIME				DATA LOCATION				REMARKS													
PRESS SN 6 8 4 6 7				DATA ON				Tape/Diskette ID				File Name/Header																	
PRI TEMP SN 2578				START DOWN																									
SEC TEMP SN 2708				AT DEPTH																									
PRI COND SN 638				AT SURFACE																									
SEC COND SN 2272				PAR SN _ 4 4 9 7				FLUOR SN _ 0 2 1 8 2				CHAM SN				TRANS. SN													
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER																	
				PRESSURE				PRI. TEMP.				SEC. TEMP				SALINITY													
1 300																SAL.													
2 150																NUTR.													
3 100																CHL.													
4 50																PAM													
5 40																													
6 30																													
7 20																													
8 10																													
9 0																													
10																													
11																													
12																													

VESSEL RV Alpha Helix			PROJECT & LEG H X 2 4 5			DSDB I.D.			STATION DESIGNATION <i>UNY27</i>																		
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 TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN							
916	54	29.95 N	165	35.36 W	18	JUN	01	16	33	.	.	.	.	.	.	.	.	134						
SBE 9+ 09P 19507-0533			TIMES		JD/TIME		DATA LOCATION													REMARKS							
PRESS SN	6 8 4 6 7		DATA ON				Tape/Diskette ID		File Name/Header																		
PRI TEMP SN	2578		START DOWN																								
SEC TEMP SN	2708		AT DEPTH																<input type="checkbox"/> Cleaned air bleed valve								
PRI COND SN	638		AT SURFACE																MAX. DEPTH = m								
SEC COND SN	2272		<input checked="" type="checkbox"/>		PAR SN _ 4 4 9 7		<input type="checkbox"/>		FLUOR SN _ 0 2 1 8 2		<input type="checkbox"/>		CHAM SN		<input type="checkbox"/>		TRANS. SN										
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	125																			515							
2	100																			516							
3	50																			517							
4	40																			518							
5	30																			519							
6	20																			520							
7	10																			521							
8	0																			522							
9																											
10																											
11																											
12																											

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																	
RV Alpha Helix		H X 2 4 5				4224																	
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	TIME (GMT)	HR	MIN	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
985426.51	N 16522.80	W 18	JUN	01	17	49															143		
SBE 9+ 09P. 19507-0533		TIMES		JD/TIME		DATA LOCATION																	
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID File Name/Header																	
PRI TEMP SN 2578		START DOWN																					
SEC TEMP SN 2708		AT DEPTH																					
PRI COND SN 638		AT SURFACE				<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = m																	
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHIAM SN		TRANS. SN															
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	135																529	✓		✓			
2	100																530	✓		✓			
3	50																531	✓		✓			
4	40																532	✓		✓			
5	30																533	✓		✓			
6	20																534	✓		✓			
7	10																535	✓		✓			
8	0																536	✓		✓			
9																							
10																							
11																							
12																							

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 4 5				UNY22	
CONC	LATITUDE	LONGITUDE		DATE JD=		TIME	WET BULB
CST #	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB	WIND DIRN. SPD.
995424.22	N 16 51 4.35	W 101 18 37					
SBE 9+09P 19507-0533		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 6 8 4 6 7		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2578		START DOWN					
SEC TEMP SN 2708		AT DEPTH					
PRI COND SN 638		AT SURFACE					
SEC COND SN 2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN _	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	152	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. NUTR. CHL. PAM Other
2	100						99-1 537 ✓
3	50						538 ✓
4	40						539 ✓
5	30						540 ✓
6	20						541 ✓
7	10						542 ✓
8	0						543 ✓
9							544 ✓
10							
11							
12							

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VESSEL RV Alpha Helix		PROJECT & LEG H X 2 4 5				DSDB I.D.		STATION DESIGNATION ALN Y 18																					
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)		*		(deg)		(m/s)		*		(m)					
1015419.74		N 16457.54		W 12018.18		12 JUN 01		12018																		95			
SBE 9+ 09P 19507-0533		TIMES		JD/TIME																									
PRESS SN 6 8 4 6 7		DATA ON																											
PRI TEMP SN 2578		START DOWN																											
SEC TEMP SN 2708		AT DEPTH																											
PRI COND SN 638		AT SURFACE																											
SEC COND SN 2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN																							
POS. TRIP DEPTH																													
1 91																													
2 50																													
3 40																													
4 30																													
5 20																													
6 10																													
7 0																													
8																													
9																													
10																													
11																													
12																													

net
net

either
? or
not
taken

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 4 5		DSDB I.D.		STATION DESIGNATION UNY16													
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	
1025417.41	N	16449.32	W	18	JUN	01	21	13									63		
SBE 9+ 09P 19507-0533		TIMES		JD/TIME		REMARKS													
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID File Name/Header													
PRI TEMP SN 2578		START DOWN				Cleaned air bleed valve													
SEC TEMP SN 2708		AT DEPTH				MAX. DEPTH = m													
PRI COND SN 638		AT SURFACE				TRANS. SN													
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHIAM SN													
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA													
1	55					SAMPLE BOTTLE NUMBER													
2	30					SAL. NUTR. CHL. PAM Other													
3	0					558 559 560 561 = 3-5-15													
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

VESSEL RV Alpha Helix						PROJECT & LEG H X 2 4 5						DSDB I.D.						STATION DESIGNATION <u>UNY 14</u>														
CONSC CAST #		LATITUDE			LONGITUDE			DATE JD=			TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER TYPE		BOTTOM DEPTH		STA. NAME/ID	
1035415.13	N 16 44 11.10	W 178 01 20 08																														
SBE 9+ 09P 19507-0533		TIMES		JD/TIME		DATA LOCATION														REMARKS												
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID														File Name/Header												
PRI TEMP SN 2578		START DOWN																														
SEC TEMP SN 2708		AT DEPTH																		<input type="checkbox"/> Cleaned air bleed valve												
PRI COND SN 638		AT SURFACE																		MAX. DEPTH = m												
SEC COND SN 2272		<input type="checkbox"/> PAR SN _ 4 4 9 7		<input type="checkbox"/> FLUOR SN _ 0 2 1 8 2		<input type="checkbox"/> CHLAM SN _																TRANS. S/N										
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														SAMPLE BOTTLE DATA						SAMPLE BOTTLE NUMBER										
1	64	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY															SALINITY	SAL.	NUTR.	CHL.	PAM	Other							
2	30																				103-1	562	✓		✓							
3	0																					563	✓		✓							
4																						564	✓		✓							
5																						565 = 1 A-07										
6																																
7																																
8																																
9																																
10																																
11																																
12																																

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
RV Alpha Helix		H X 2 4 5				UN712							
CONSC	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
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN									
10454	12.26	16432.70	18 JUN 01	2303								113	
SBE 9+ 09P 19507-0533		TIMES JD/TIME		DATA LOCATION		REMARKS							
PRESS SN 6 8 4 6 7		DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN 2578		START DOWN											
SEC TEMP SN 2708		AT DEPTH											
PRI COND SN 638		AT SURFACE											
SEC COND SN 2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN							
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	PAM	Other		
1	110							566					
2	50							567					
3	30							568					
4	20							569					
5	0							570					
6													
7													
8													
9													
10													
11													
12													

364

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																			
RV Alpha Heix		H X 2 4 5																							
CONC	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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)				(deg)	(m/s)	*	*	(m)						
106	54	8	32	N	16	4	15	28	W	19	JUN	01	00	57											
SBE 9+ 09P. 19507-0533																									
PRESS SN		6 8 4 6 7		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS															
PRI TEMP SN		2578		START DOWN						<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = m															
SEC TEMP SN		2708		AT DEPTH																					
PRI COND SN		638		AT SURFACE																					
SEC COND SN		2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN		TRANS. SN															
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																					
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		PAM		Other	
1	70																								
2	50																								
3	28																								
4	0																								
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 4 5				42710	
CONC	CASE #	LATITUDE		LONGITUDE		DATE JD=	
		DEG	MIN	DEG	MIN	DAY	MO
1	075410	52	N	164	44	23	WED
SBE 9+ 09P 19507-0533		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 6 8 4 6 7		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2578		START DOWN					
SEC TEMP SN 2708		AT DEPTH					
PRI COND SN 638		AT SURFACE					
SEC COND SN 2272		PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHAM SN	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	
1	82						
2	45						
3	45						
4	45						
5	22						
6	0						
7	0						
8	0						
9	0						
10							
11							
12							

Cool
Other

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 4 5		DSDB I.D.		STATION DESIGNATION Whale 1									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE	WIND DIRN. SPD. (m/s)	WIND DIRN. SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
108515.36 N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN					56	
	108	51	15	36	22	01	10	10	03						
SBE 9+ 09P 19507-0533	TIMES		JD/TIME		DATA LOCATION										
PRESS SN 6 8 4 6 7	DATA ON				Tape/Diskette ID		File Name/Header								
PRI TEMP SN 2578	START DOWN														
SEC TEMP SN 2708	AT DEPTH														
PRI COND SN 638	AT SURFACE														
SEC COND SN 2272					PAR SN 4 4 9 7		FLUOR SN 0 2 1 8 2		CHIAM SN		TRANS. SN				
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES														
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	PAM	Other				
1 50								W1							
2 33								W2							
3 50								W3							
4															
5															
6															
7															
8															
9															
10															
11															
12															

all
hot

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 4 5				Whale 5	
CONSC	LATITUDE	LONGITUDE		DATE JD=		TIME	
CAST #	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB (°C)	WET BULB (°C)
1125511.89N	11 01 3.40	11 01 3.40	11 01 3.40	22 JUN 01	10 58		
SBE 9+ 09P 19507-0533		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 6 8 4 6 7		DATA ON				Tape/Diskette ID	
PRI TEMP SN 2578		START DOWN					
SEC TEMP SN 2708		AT DEPTH					
PRI COND SN 638		AT SURFACE					
SEC COND SN 2272		PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHAM SN	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER
1	214						
2	50						
3	50						
4							
5							
6							
7							
8							
9							
10							
11							
12							

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[illegible]

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION					
RV Alpha Helix		H X 2 4 5						Whale					
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)	
11655	8.32	N 16020.58	W 22	JUN	01	1237						162	
SBE 9+ 09P 19507-0533													
TIMES													
DATA ON													
PRESS SN	6 8 4 6 7												
PRI TEMP SN	2578												
SEC TEMP SN	2708												
PRI COND SN	638												
SEC COND SN	2272												
CTD CONVERTED MONITOR VALUES													
PAR SN _ 4 4 9 7													
FLUOR SN _ 0 2 1 8 2													
CHIAM SN													
SAMPLE BOTTLE DATA													
SAMPLE BOTTLE NUMBER													
TRANS. SN													
SAL. NUTR. CHL. PAM Other													
SALINITY													
SEC. TEMP													
PRI. TEMP.													
PRESSURE													
TRIP DEPTH													
1	154												
2	50												
3	56												
4													
5													
6													
7													
8													
9													
10													
11													
12													
REMARKS													
Tape/Diskette ID File Name/Header													
Cleaned air bleed valve													
MAX. DEPTH = m													

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
RV Alpha Helix		H X 2 4 5																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE (mb)	SEA STATE (deg)	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)	
117	55	7.46	N	160	22	28	W	28	10	55							84	
SBE 9+ 09P8254-0366																		
PRESS SN																		
PRI TEMP SN 2578																		
SEC TEMP SN 2708																		
PRI COND SN 638																		
SEC COND SN 2272																		
CTD CONVERTED MONITOR VALUES																		
PAR SN _ 4 4 9 7																		
FLUOR SN _ 0 2 1 8 2																		
CHLOR SN																		
TRANS. S/N																		
POS.	TRIP DEPTH	SAMPLE BOTTLE DATA																
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		PAM
1	75																	
2	50																	
3	50																	
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Cleared air bleed valve

MAX. DEPTH = m