

VESSEL Alpha Helix		PROJECT & LEG HX219222		STATION DESIGNATION CNCX1													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN													DAY
16357	43.84	N	14904.7	W	07	AUG	99	7.1		1036	61	60	57	82	46		
CTD		TIMES		JD/TIME		DATA LOCATION											
TYPE & SN		DATA ON				Tape/Diskette ID		File Name/Header									
PRESS SN		START DOWN															
TEMP SN		AT DEPTH															
COND SN		AT SURFACE															
TEMP SN																	
MAX. DEPTH =		m															
REMARKS																	
CLEANED AIR BLEED VALVE																	
SAMPLE BOTTLE DATA																	
SAMPLE BOTTLE NUMBER																	
SAL.		NUTR.		CHL.		WHIT'S NUTR.											
SALINITY		SALINITY		SALINITY													
SEC. TEMP.		SEC. TEMP.															
PRI. TEMP.		PRI. TEMP.															
PRESSURE		PRESSURE															
TRIP DEPTH																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

VESSEL Alpha Helix		PROJECT & LEG HX219-222		STATION DESIGNATION 230°1.0 CNC01																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID						
	DEG	MIN	DEG	MIN													DAY	MO	YR	HR	MIN	
164574	1.47	N	16307.34	W	08	AUG	99	15	35	7.0	1036	160	05	78	4	96	CNC01					
CTD		TIMES		JD/TIME		DATA LOCATION											REMARKS					
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header																
PRESS SN		START DOWN																				
TEMP SN		AT DEPTH																				
COND SN		AT SURFACE															MAX. DEPTH =	m				
TEMP SN						<input type="checkbox"/> PAR		<input type="checkbox"/> FLUOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TRANSMISSOMETER		<input type="checkbox"/> Cleaned air bleed valve								
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES															SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
1	7	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY												SALINITY	SAL.	NUTR.	CHL.		
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

VESSEL		PROJECT & LEG		STATION DESIGNATION																	
Alpha Helix		HX249-222		230° 1.0 GNC02																	
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
165574	11	31	N	16307.3	9	W	07	AUG	98	15	42	7.6	1.086	16	05	782	47	CNC02			
CTD		TIMES		JD/TIME		DATA LOCATION												REMARKS			
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header															
PRESS SN		START DOWN																			
TEMP SN		AT DEPTH																			
COND SN		AT SURFACE																MAX. DEPTH = m			
TEMP SN																					
TRIP DEPTH		PAR		FLUOR		CHAM		TRANSMISSOMETER		Cleared air bleed valve		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.					
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY													SAL.	NUTR.	CHL.	WHIT'S NUTR.
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

VESSEL		PROJECT & LEG		STATION DESIGNATION												
Alpha Helix		HX249 222		230° 1.0 CNC04												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN												
1665734.51	N	16314.86	W	07	AUG	98	16	38	7.1	1034.160	07	07			48	CNC04
CTD		JD/TIME		99		DATA LOCATION										
TYPE & SN		DATA ON				Tape/Diskette ID		File Name/Header								
PRESS SN		START DOWN														
TEMP SN		AT DEPTH														
COND SN		AT SURFACE														
TEMP SN								MAX. DEPTH = m								
REMARKS		edge of bloom														
Cleared air bleed valve																
SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER														
SALINITY		SALINITY														
SAL.		SAL.														
NUTR.		NUTR.														
CHL.		CHL.														
WHIT'S		WHIT'S														
NUTR.		NUTR.														
SALINITY		SALINITY														
SEC. TEMP.		SEC. TEMP.														
PRI. TEMP.		PRI. TEMP.														
PRESSURE		PRESSURE														
TRIP DEPTH		TRIP DEPTH														
1		44														
2		7														
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

[illegible]

VESSEL	PROJECT & LEG	STATION DESIGNATION															
Alpha Helix	HX240-222	230° 1.0m CNCO5															
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)	CLD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN													
171	5732.06 N	163.17 W	31 AUG 98	1930	7.3	1134	2009	4	48	N C O S							
CTD	TIMES	JDTIME	DATA LOCATION														
TYPE & SN	DATA ON	Tape/Diskette ID File Name/Header															
PRESS SN	START DOWN																
TEMP SN	AT DEPTH																
COND SN	AT SURFACE																
TEMP SN	Cleaned air bleed valve																
TRIP DEPTH	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER															
POS.	DEPTH	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	WHIT'S NUTR.											
1	26																
2	26																
3	17																
4	17																
5	12																
6	12																
7	7																
8	7																
9	4																
10	4																
11	0																
12	0																

VESSEL		PROJECT & LEG		STATION DESIGNATION																
Alpha Helix		HX249-222		CNCXZ																
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)	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG MIN	DEG MIN	DAY MO YR	MO YR																
1735742.28 N	16302.42 W	07 AUG 99	99	07303	7.0															
CTD		JD/TIME		DATA LOCATION		REMARKS														
TYPE & SN		DATA ON		Tape/Diskette ID		Brady Micro Zoo														
PRESS SN		START DOWN																		
TEMP SN		AT DEPTH																		
COND SN		AT SURFACE				MAX. DEPTH = m														
TEMP SN						Cleaned air bleed valve														
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																		
		PRESSURE	PRI TEMP.	SEC TEMP.	SALINITY	SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER				
1																SAL.	NUTR.	CHL.	WHIT'S NUTR.	
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

VESSEL		PROJECT & LEG		STATION DESIGNATION														
Alpha Helix		HX249 222		CAC10														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
145	54	20.44	N	163	29	1937	W	08	11	36	20	06	67	2	5	4	10	
CTD		JD/TIME		99		REMARKS												
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header												
PRESS SN		START DOWN																
TEMP SN		AT DEPTH																
COND SN		AT SURFACE		MAX. DEPTH = m														
TEMP SN				PAR		FLUOR		CHAM		TRANSMISSOMETER		Cleaned air bleed valve						
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	4.5																	
2	4.5																	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

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VESSEL Alpha Helix		PROJECT & LEG HX248-222		STATION DESIGNATION CAC 13	
CONSC CAST #		LONGITUDE		DATE JD=	
LATITUDE		TIME (GMT)		WIND DIRN.	
DEG MIN		DEG MIN		WIND SPD.	
11 16 N		163 39 W		100	
14854		11 16 N		100	
CTD		JD/TIME		REMARKS	
TYPE & SN		Tape/Diskette ID		File Name/Header	
PRESS SN		DATA ON			
TEMP SN		START DOWN			
COND SN		AT DEPTH			
TEMP SN		AT SURFACE		MAX. DEPTH = m	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	
1	63.4	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY
2	40.3				
3	30.4				
4	24.0				
5	10.5				
6	1.9				
7					
8					
9					
10					
11					
12					

VESSEL Alpha Helix		PROJECT & LEG HX249-222		STATION DESIGNATION 220°1.0 01C14													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN													DAY
149	54	06.51	N	63	44.90	W08	AUG	99	00	00	7.6	11.2	180	03	762	01C14	
CTD		TIMES		JD/TIME		DATA LOCATION											
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header											
PRESS SN		START DOWN															
TEMP SN		AT DEPTH															
COND SN		AT SURFACE				MAX. DEPTH = m											
TEMP SN						Cleaned air bleed valve											
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES		PAR		FLUOR		CHLOR		TRANSMISSOMETER		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	64.2													SALINITY		SAL.	
2	39.9													SALINITY		SAL.	
3	29.8													SALINITY		SAL.	
4	20.4													SALINITY		SAL.	
5	11.0													SALINITY		SAL.	
6	4.5													SALINITY		SAL.	
7	2.2													SALINITY		SAL.	
8														SALINITY		SAL.	
9														SALINITY		SAL.	
10														SALINITY		SAL.	
11														SALINITY		SAL.	
12														SALINITY		SAL.	

VESSEL		PROJECT & LEG		STATION DESIGNATION														
Alpha Helix		HX249-222		220° 1.0														
COONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN														
1805401.82	N	16345.8	W	08	1	11	34	18	09	4	68	CNC	15					
CTD		JD/TIME		DATA LOCATION		REMARKS												
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header												
PRESS SN		START DOWN																
TEMP SN		AT DEPTH																
COND SN		AT SURFACE				MAX. DEPTH = m												
TEMP SN																		
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		TRANSMISSOMETER		Cleaned air bleed valve												
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER											
1	66.8																	
2	40.4																	
3	30.2																	
4	20.5																	
5	10.5																	
6	4.4																	
7	2.3																	
8																		
9																		
10																		
11																		
12																		

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION													
Alpha Helix		HX249-222		CNC-15													
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													
182540	19	11	19	18	99	08	18	7.6	11.3	1600	4	68	CNC-15				
CTD		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		MAX. DEPTH =		m			
TYPE & SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
TEMP SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
COND SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
TEMP SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
TRIP DEPTH		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
POS.		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
1		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
2		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
3		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
4		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
5		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
6		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
7		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
8		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
9		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
10		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
11		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			
12		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CCTD CONVERTED MONITOR VALUES		Cleaned air bleed valve		SAMPLE BOTTLE NUMBER			

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VESSEL		PROJECT & LEG				STATION DESIGNATION																	
Alpha Helix		HX2-222				240° 0.7																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		WIND TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
	DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	SEC	DIRN.	SPD.	TYPE	WEATHER	DEPTH	NAME/ID					
1	84	56	34	36	N	164	19	98	08	14	22	08	2	04	03	2	78	WCS.5					
CTD		TIMES		JD/TIME		99		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		Village for apparatus to Clog C.I.T. Sensors		C1-C2 offset		Became High and King			
TYPE & SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		TRANSMISSOMETER		Cleaned air bleed valve		MAX. DEPTH =		m							
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR		FLUOR		CHAM		SAMPLE BOTTLE DATA		SAL.		NUTR.		WHIT'S NUTR.	
TEMP SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
COND SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
TEMP SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
TRIP DEPTH		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
1	45.4	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
2	41.4	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
3	30.9	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
4	20.6	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
5	10.6	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
6	1.9	DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
7		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
8		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
9		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
10		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
11		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	
12		DATA ON		START DOWN		AT DEPTH		AT SURFACE		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		WHIT'S NUTR.	

PROJECT & LEG		STATION DESIGNATION	
HX249-222		Waves Confined	
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=
DEG MIN	DEG MIN	DEG MIN	DAY MO YR
19 55 64.8	22 N 16 40.0	29 W 18 40	99
CTD		JD/TIME	
TYPE & SN		TIMES	
PRESS SN		DATA ON	
TEMP SN		START DOWN	
COND SN		AT DEPTH	
TEMP SN		AT SURFACE	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.
1	6.9		
2	30		
3	20		
4	13.6		
5	11		
6	11		
7	11		
8	9.7		
9			
10			
11			
12			

[illegible]

[illegible]

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION																			
Alpha Helix		HX240-222		Floor 2																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
	DEG	MIN	DEG	MIN															DAY	MO	YR	HR	MIN
1	5	48.8	N	164	00.4	10/09	08:22	22.0	28.6	07.4	6	90	10	87	2	73	112						
CTD		JD/TIME		99		DATA LOCATION																	
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header																	
PRESS SN		START DOWN																					
TEMP SN		AT DEPTH																					
COND SN		AT SURFACE																					
TEMP SN						MAX. DEPTH = m																	
TRIP DEPTH						PAR		FLUOR		CHLOR		TRANSMISSOMETER		Cleaned air bleed valve		SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER				
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY														SAL.	NUTR.	CHL.	WHIT'S NUTR.
1	32																						
2	20																						
3	10.5																						
4	0.5																						
5	15																						
6	13																						
7	10																						
8	2																						
9																							
10																							
11																							
12																							

VESSEL		PROJECT & LEG		STATION DESIGNATION																				
Alpha Helix		HX249-222		130° 1.0																				
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID						
	DEG	MIN	DEG	MIN															DAY	MO	YR	HR	MIN	
1925	809.50	N	16237.5	W	09	AUG	98	20	41	83	064	130	17				38	CNXY11						
CTD		TIMES		JD/TIME		99		2624		DATA LOCATION									REMARKS					
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header																		
PRESS SN		START DOWN																						
TEMP SN		AT DEPTH																						
COND SN		AT SURFACE																	MAX. DEPTH = m					
TEMP SN		PAR		FLUOR		CHAM		TRANSMISSOMETER		Cleared air bleed valve														
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																						
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA												SAMPLE BOTTLE NUMBER					
1	20	33																	SAL.			NUTR.	CHL	WHT's NUTR.
2	10	20																						
3	2	10																						
4		0																						
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION															
Alpha Helix		HX249-222		130°1.0 ATT CMCX174															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 10	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN														DAY	MO
1965825	43	N	162	22.5	1	W	09	00	04	07	7	6	13	0	13	8	72	36	
CTD		JD/TIME		99		DATA LOCATION												REMARKS	
TYPE & SN		DATA ON		Tape/Diskette ID		File Name/Header													
PRESS SN		START DOWN																	
TEMP SN		AT DEPTH																	
COND SN		AT SURFACE																MAX. DEPTH = m	
TEMP SN																			
TRIP DEPTH																			
POS.																			
1		29																	
2		20																	
3		10																	
4		0																	
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

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