PG ___ OF ___

VESSEL		PROJECT & LEG	Waves 2.0 330° ~5m	STATION DESIGNATION
Alpha Helix		HX213		CNEX15

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	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
					07.21																		
12	58	24.94	N	167 ~~06.27~~		W	02	SEP	98	19	51	8.1		984	6	3	30	15	8	7	2	44	CNEX15

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	[X] PAR [X] FLUOR [ ] ChlAM [ ] 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	40.4									
2	21.2									
3	8.2									
4	2.1									
5										
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	Waves 330° 1.5m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	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
12	25	8/5.54 N	121/7.02 W		02	SEP	98	21	04	8.2	.	994	6	3	330	12	8	7	2	33	CNEXI3

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	[/] PAR [/] FLUOR [ ] ChlAM [ ] TRANSMISSOMETER [ ] Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	31.8									
2	20.4									
3	10.7									
4	1.5									
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	Wound 330° 1.5 nm	CNEX11

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	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
123	58	06.26	N	162	27.03	W	02	SEP	98	22	15	8.1	.	99	4	6	330	~~35~~ 13	8	7	2	36	CNEX11

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	☑ PAR ☑ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	33.9									
2	20.6									
3	10.6									
4	2.2									
5										
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	Waves	STATION DESIGNATION
Alpha Helix		HX213	330° 1.5m	~~CNEX10~~

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	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 (CNEX09)
124	57	59.22 N	162	34.67 W	02	SEP	98	23	23	8.1		995	C	3	30	18	8	7	2	41	CNEX09

CTD	TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	DATA ON		Tape/Diskette ID	File Name/Header	NEX09
PRESS SN	START DOWN				
TEMP SN	AT DEPTH				
COND SN	AT SURFACE				MAX. DEPTH = m
TEMP SN	☒ PAR ☒ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	39									
2	20.2									
3	10.5									
4	23									
5										
6										
7										
8										
9										
10										
11										
12										

prod

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	Waves 330° 1.5	CNEX 9

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	12	57	59.35 N	162	34.46 W		02	SEP	98	23	40	8.1		995.6			330	18	7	2		41	CNEX9

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					

17

NEX09

☒ PAR ☒ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	2.4									
2	2.8									
3	1.9									
4	1.9									
5										
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	330° 1.2	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	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
1	26	57.59.32 N	162	34.42 W	02	S E P	98	2355		8.1	.	9946	3	3	060	17 15	8	7	2	41	CN EN 9

CTD	TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	DATA ON		Tape/Diskette ID	File Name/Header	NEXOS
PRESS SN	START DOWN				
TEMP SN	AT DEPTH				
COND SN	AT SURFACE				MAX. DEPTH = m
TEMP SN	☒ PAR ☒ FLUOR ☐ ChlAM ☐ 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	26	26.0								
2	26	26.0								
3	17	16.2								
4	17	17.5								
5	12	12.6								
6	12	12.4								
7	7	7.6								
8	7	6.4								
9	4	4.6								
10	4	3.9								
11	0	2.2								
12	0	2.1								

Prod

PG ___ OF ___

VESSEL		PROJECT & LEG	Waves	STATION DESIGNATION
Alpha Helix		HX213	320° 1.5 m	CNC01

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
127	57	41.53	N	163	07.53	W	03	SEP	98	20	59	~~8.3~~ 8.4		1064			~~314~~ 290	~~11~~ 15			1	45	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				

☑ PAR ☑ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	42.6									
2	29.3									
3	15.1									
4	15.4									
5	15.0									
6	15 14.9									
7	10.0									
8	5 4.8									
9	0 2.4									
10	2.1									
11	2.1									
12										

prod CNCO PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	310° 1.5m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	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
12	57	41.47 N	163	07.61 W	03	SEP	98	21	27	8.7	.	063			290	10			1	45	CNCO1

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					

[X] PAR [X] FLUOR [ ] ChlAM [ ] TRANSMISSOMETER [ ] Cleaned air bleed valve

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	18	18.0								
2	12	12.1								
3	12	12.0								
4	8	8.1								
5	8	8.4								
6	5	5.4								
7	5	5.1								
8	3	3.1								
9	3	3.1								
10	0	1.8								
11	0	1.3								
12										

0
3
5
8
12
18

Prod

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	340° 1.6m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	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
129	56	52.64 N	164	0.16 W	254	SEP	98	21	31	7.1	.	1547			310	11	4	6	2	71	ENC/7

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	☑ PAR ☑ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	68.2									
2	29.8									
3	15.5									
4	15.6									
5	15.3									
6	15.2									
7	9.9									
8	4.8									
9	2.1									
10										
11										
12										

Cold pool T_b = 3.58 S = 31.89 mldn-thick T_T 8.3 S_T 31.80

Prod

PG ___ OF ___

VESSEL		PROJECT & LEG	Waves	STATION DESIGNATION
Alpha Helix		HX213	310° 1.0m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	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
1	30	56.52.49 N	164	00.15 W	04	SEP	98	21	58	7.2	.	15	3	7	310	03	4	6	2		CNC17

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					

☒ PAR ☒ FLUOR ☐ ChlAM ☐ 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	3.0									
2	2.4									
3	2.1									
4	2.9									
5	2.6									
6	2.5									
7	2.9									
8	2.8									
9	2.6									
10	2.3									
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	Waves	STATION DESIGNATION
Alpha Helix		HX213	330° 0.5 m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
13	56	38.64	N	164	15.00	W	05	SEP	98	2301		7.4		1537			336	07	8	7	2	46	1C2D

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	✓ PAR ✓ FLUOR ☐ ChlAM ☐ TRANSMISSOMETER ☐ Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	40									
2	29.8									
3	19.2									
4	9.7									
5	2.1									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	Waves 330° 0.5	STATION DESIGNATION
Alpha Helix		HX213		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	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
132	36	41.32	N	161	10.05	W	05	SEP	98	03	45	7.4	.	1527	3	3	060	8	7	2	74	CAST 15

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	[1] PAR [1] FLUOR [ ] ChlAM [ ] TRANSMISSOMETER [ ] Cleaned air bleed valve				

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	69.8									
2	30.4									
3	20.0									
4	10.7									
5	2.0									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	waves 330° 0.5m	STATION DESIGNATION
Alpha Helix		HX213		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
133	56	47.93	N	164	05.06	W	05	SEP	98	07	30	7.6		15	2	2	290	05	8	12		7	CAC 18

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	☐ PAR ☐ FLUOR ☐ ChlAM ☐ 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	69.3									
2	29.8									
3	20.0									
4	10.1									
5	1.7									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	waves	STATION DESIGNATION
Alpha Helix		HX213	330° 0.5m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	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
134	56	52.59	N	160	09.94	W	05	SEP	98	05	19	7.4		1527			330	05	8	7	2	52	rock 1 5

CTD	TIMES	JD/TIME	DATA LOCATION 290	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 [1] FLUOR [ ] ChlAM [ ] TRANSMISSOMETER [ ] Cleaned air bleed valve

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	57.7									
2	29.8									
3	20.0									
4	10.3									
5	5.0									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	Waves 280 0.5m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	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
135	56	57.25	N	163 55.08		W	05	SEP	98	0603		7.5	.	1013	3	7	280	07	8	7	2	70	CHC16

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	[/] PAR [/] FLUOR [ ] ChlAM [ ] 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	64.6									
2	30.1									
3	20.1									
4	9.6									
5	2.0									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG		STATION DESIGNATION
Alpha Helix		HX213	Waves 160° 0.5 m	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	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
136	54	01.89	N	163	0.06	W	05	SEP	98	06	51	7.5		1637.2		7	260	6	8	7	2	2800	HX213

CTD	TIMES	JD/TIME
TYPE & SN	DATA ON	
PRESS SN	START DOWN	
TEMP SN	AT DEPTH	
COND SN	AT SURFACE	
TEMP SN		

1.3 **DATA LOCATION**

Tape/Diskette ID	File Name/Header

REMARKS

MAX. DEPTH = m

[x] PAR [x] FLUOR [ ] ChlAM [ ] TRANSMISSOMETER [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	NUTR.	CHL.	WHIT's NUTR.
1	62.5									
2	27.3									
3	19.5									
4	10.2									
5	3.1									
6										
7										
8										
9										
10										
11										
12										

PG ___ OF ___

VESSEL		PROJECT & LEG	260° 0.5m Waves	STATION DESIGNATION
Alpha Helix		HX213		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	MO	YR	TIME (GMT) HR	MIN	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
13	57	06.54	N	143	45.11	W	05	SEP	98	07	37	7.3		16	2	2	260	06	8	7	2	67	9/C/12

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	☑ PAR ☑ FLUOR ☐ ChlAM ☐ 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	61.7									
2	24.2									
3	20.6									
4	10.4									
5	1.4									
6										
7										
8										
9										
10										
11										
12										