VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME9

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
60	56	43.84	N	160	32.69	W	26	MAY	99	16	09	0.3	.	16								71	PME9

67

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	Leachest is wrong
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Bio	CHL.	WHIT's NUTR.
1	67						00001			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME7

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
	61	56 39.75 N	166 27.51 W		26	MAY	99	16	46	.	.									66	

SBE 9+/-		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

Cleaned air bleed valve

MAX. DEPTH = m

PAR S/N _____ FLUOR S/N _____ ChlAM S/N _____ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	61									132
2	50									131
3	40								✓	130
4	30									129
5	20								✓	128
6	10								✓	127
7	0								✓	126
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME 7

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
	62	56.39.71	N	160	27.46	W	26	MAY	99	17	01	.	.										

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS Deck Prod

☐ Cleaned air bleed valve

MAX. DEPTH = 30 m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	20									
2	20									
3	20									
4	20									
5	0									
6	0									
7	0									
8	0									
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		IMEG

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
	63	56.37.67 N	160	24.28 W	26	MAY	99	17	25	.	.									59	

54

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N ____	☐ FLUOR S/N ____	☐ ChlAM S/N ____		☐ TRANS. S/N ____

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMES

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
	64	56.35.64 N	160	21.2 W	26	MAY	99	17	49	.	.									54	

(48) 54

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS (53)

- ☐ Cleaned air bleed valve
- MAX. DEPTH = m
- ☐ PAR S/N _____
- ☐ FLUOR S/N _____
- ☐ ChlAM S/N _____
- ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	49									137
2	30									136
3	20									135
4	10									134
5	0									133
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME4

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
	65	56.336 N	160	17.933 W	26	MAY	99	18	14	.	.									46	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME3

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
	66	56.31.48 N	160	14.91 W	26	MAY	99	18	35	.	.									36	

SBE 9+/-		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	32						066 01			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PME1

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
	67	56.27.19 N	160	8.37 W	26	MAY	99	19	14	.	.									25	

SBE 9+ [illegible]	TIMES	JD/TIME	DATA LOCATION
PRESS SN # 63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	20								~	140
2	10								~	139
3	0								~	138
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC1

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
	68	56.31.57 N	159	59.53 W	26	MAY	99	20	00	.	.									23	

SBE 9+		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	PAR S/N	FLUOR S/N	ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	20								~	143
2	10								~	142
3	0								~	141
4										
5										
6										
7										
8										
9										
10										
11										
12										

Zeu chlm ~ ~ ~

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC2

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
69	56	33.59 N	160	2.68 W	26	MAY	99	20	30	.	.									31	

SBE 9+/-	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	28								✓	146
2	10								✓	145
3	0								✓	144
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC3

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
	70	56.35.52 N	160	6.02 W	26	MAY	99	20	52	.	.									45	

SBE 9+/3	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	41								✓	151
2	30									150
3	20								✓	149
4	10									148
5	0								✓	147
6										
7										
8										
9										
10										
11										
12										

10

Zoo Chl

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC4

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
71	56	37.72 N	160	9.07 W	26	MAY	99	21	27	.	.									48	

SBE 9+		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	PAR S/N	FLUOR S/N	ChlAM S/N

REMARKS

Cleaned air bleed valve

MAX. DEPTH = m

TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	44								✓?	156 → HPLC
2	30									155
3	20								?	154
4	10								✓	153
5	0								✓	152
6										
7										
8										
9										
10										
11										
12										

152

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC5

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
	72	56	39.76 N	160	12.17 W		26	MAY	99	21	56	.	.									51	

SBE 9+		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	PAR S/N	FLUOR S/N	ChlAM S/N

REMARKS

Cleaned air bleed valve

MAX. DEPTH = m

TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	47						072			161
2	30									160
3	20								✓?	159
4	10								✓	158
5	0								✓	157
6										
7										
8										
9										
10										
11										
12										

Zero Chl

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC 6

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
	73	56 41.84	N	160	15.38	W	26	MAY	99	22	27	.	.									61	

56

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA SALINITY	SAMPLE BOTTLE NUMBER SAL.	Bio	CHL.	WHIT's NUTR.
1	57									167 HPLC
2	40								?	166
3	30									165
4	20								✓	164
5	10									163
6	0								✓	162 ~~HPLC~~
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC7

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
	74	56	43.89 N	160	18.49 W		26	MAY	99	22	57	.	.									60	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

Cleaned air bleed valve

MAX. DEPTH = m

PAR S/N ____ FLUOR S/N ____ ChlAM S/N ____ TRANS. S/N ____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	58									173
2	40								✓	172
3	30									171 ✓
4	20								?	170 ✓
5	10									169 ✓
6	0								✓	168 ✓
7										
8										
9										
10										
11										
12										

See Chl

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC8

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
75	56	45.88	N	160	21.85	W	26	MAY	99	23	25	.	.									62	

SBE 9+		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Bio	CHL.	WHIT's NUTR.
1	58									179
2	40								1.	178 HPLC
3	30									177
4	20								✓	176
5	10									175
6	0								✓	174
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC9

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
	76	56.48.00 N	160	24.92 W	26	MAY	99	23	59	.	.									68	

SBE 9+/-		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	64									186
2	50									185
3	40									184
4	30									183
5	20									182
6	10									181
7	0								✓	180
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC10

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
77	56	50.06 N	160	28.12 W	27	MAY	99	02	34	.	.									63	PMC10

SBE 9+~~3~~		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	59						077 01			192
2	40									191
3	30									190
4	20									189
5	10									188 HPLC
6	0								✓	187
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC11

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
	78	56.52.14 N	160	31.21 W		MAY	99	01	06	.	.									68	

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	PAR S/N	FLUOR S/N	CHAM S/N

REMARKS: In Situ prod.

☐ Cleaned air bleed valve

MAX. DEPTH = m

TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	64									199
2	50									198
3	40									197
4	30									196
5	20									195
6	10									194
7	10									
8	0									193
9										
10										
11										
12										

50
40
30
20
10
0

62

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC11

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
	79	56 52.08 N	160 31.11 W		27	MAY	99	01	25	.	.									68	

SBE 9+ Ø	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS: Deck Prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	30									
2	30									
3	30									
4	30									
5	0									
6	0									
7	0									
8	0									
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMA11

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	80	56.56 N	160	21.93 W	27	MAY	99	03	43	.	.									1692	PMA11

SBE 9+/-		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA SALINITY	SAMPLE BOTTLE NUMBER SAL.	Bio	CHL.	WHIT's NUTR.
1	67									206
2	50									205
3	40									204
4	30									203
5	20									202
6	10									201
7	0									200
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		P MA-9

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
81	56	52.14	N	160	15.85	W	27	MAY	99	0921		.	.									69	

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Bio	CHL.	WHIT's NUTR.
1	663					081 01				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMA7

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
	82	56.18.03	N	160	09.17	W	27	MAY	99	0959		.	.									61	PMA7

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

Terry

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	57.9									I212
2	40.3									I211
3	30.0									I210
4	20.2									I209
5	10.1									I208
6	2.1									I207
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMA06

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
83	56	45.98	N	160	06.27	W	24	MAY	99			.	.										60	PMA06

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMA05

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
84	56	73.42	N	160	23.15	W	27	MAY	99	05	46	.	.									55	PMA05

SBE 9+⌀	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.	
1	51.5										I218
2	40.2										I214
3	30.1										I216
4	20.3										I215
5	10.4										I214
6	2.2										I213
7											
8											
9											
10											
11											
12											

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMA07

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
85	56	51.86	N	159	55.93	W	27	MAY	99	56	11	.	.									52	PMA07

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Bio	CHL.	WHIT's NUTR.
1	48.5					085 01				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMP03

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
86	5	6 3 9.81	N	159	52.58	W	27	MAY	99	0636		.	.										9 2 4 0 3

SBE 9+		TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	#63503	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	1771	START DOWN				
SEC TEMP SN	1772	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	2251	AT SURFACE				MAX. DEPTH = m
SEC COND SN	501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N		☐ TRANS. S/N

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMR 01

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
	87	56.35.64	N	159	50.68	W	27	MAY	99	07	18	.	.										23.1	99901

SBE 9+3	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	20.1									
2	10.2									
3	3.2									
4										
5										
6										
7										
8										
9										
10										
11										
12										

I2-19
I2-20
I2-21

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		Pmc3

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
	88	56.35t.68 N	160	5.87 W	27	MAY	99	1826		.	.									46	

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS: Deck Prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	17									
2	17									
3	17									
4	17									
5	0									
6	0									
7	0									
8	0									
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		PMC3

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
8	47	63.64 N	160	57.93 W	27	MAY	99	18	45	.	.										

SBE 9+/-		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS: Rho's prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N ____ ☐ FLUOR S/N ____ ☐ ChlAM S/N ____ ☐ TRANS. S/N ____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	30									
2	30									
3	20									
4	20									
5	14									
6	14									
7	8									
8	8									
9	5									
10	5									
11	0									
12	0									

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLGA1

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
9	056	1.47 N	161	8.62 W	29	MAY	99	15	11	.	.									1111	D1

SBE 9+/-		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSL6 D2

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
91	56	5.12N	161	14.16W	29	MAY	99	1605		.	.									133	02

SBE 9+~~3~~	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN 1771	START DOWN			
SEC TEMP SN 1772	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN 2251	AT SURFACE			MAX. DEPTH = m
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ CHAM S/N	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	31						091 21			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		N5LGD3

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
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
9256	8.93	N	161	9.56	W 29	MAY	99	1640		.	.									40	D3

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ CHAM S/N _____ ☐ TRANS. S/N _____

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLG04

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
	93	54.12.67 N	161	25.02 W	29	MAY	99	17	15	.	.									53	04

SBE 9+3	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSL605

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
94	56	16.57 N	161	30.38 W	29	MAY	99	175		.	.									67	015

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	61						094 01			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSL6 B5

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
95	56	19.94 N	161	21.60 W	29	MAY	99	1237		.	.									65	B5

SBE 9+/-		TIMES	JD/TIME	DATA LOCATION
PRESS SN	#63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	1771	START DOWN		
SEC TEMP SN	1772	AT DEPTH		
PRI COND SN	2251	AT SURFACE		
SEC COND SN	501	PAR S/N ____	FLUOR S/N ____	ChlAM S/N ____

REMARKS

Cleaned air bleed valve

MAX. DEPTH = m

TRANS. S/N ____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	60									105
2	40								7	104
3	30									103
4	20								✓	102
5	10								✓	101
6	0	NO	Sample							
7										
8										
9										
10										
11										
12										

Zee Chl.

(Red) ✓

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLG 34

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
96	56	16.21 N	161	16.43 W	29	MA	Y 99	15	15	.	.									570	

SBE 9+~~3~~	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	47								✓	110
2	30									109
3	20								✓	108
4	10									107
5	D								✓	106
6										
7										
8										
9										
10										
11										
12										

Zu chl.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLG183

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
97	56	12.24 N	161	1.27 W	29	MAY	99	1950		.	.									48	

SBE 9+/-	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN 1771	START DOWN			
SEC TEMP SN 1772	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN 2251	AT SURFACE			MAX. DEPTH = m
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ ChlAM S/N	☐ TRANS. S/N

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	43								✓	115
2	30									114
3	20								✓	113
4	10									112
5	0								✓	111
6										
7										
8										
9										
10										
11										
12										

Zap chl

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLG32

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
98	56	8.39	N	161	6.10	W	29	MAY	99	2030		.	.									3157	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

Deck Prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER				
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Bio	CHL.	WHIT's NUTR.	
1	30								?	119	✓
2	20										
3	20										
4	20										
5	20										
6	20								✓	118	✓
7	10									117	✓
8	0										
9	0										
10	0										
11	0										
12	0								✓	116	✓

Zeu Chl.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		N5L6B1

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
99	56	4.48 N	161	0.78 W	29	MAY	99	21	18	.	.									23	

SBE 9+/-		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	19									
2	10									
3	0									
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSL671

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	00	56 7.82 N	160	53.20 W	29	MAY	99	2200		.	.									25	

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N	☐ FLUOR S/N	☐ CHAM S/N ☐ TRANS. S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLGA2

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	01	56.70 N	160	58.18 W	29	MAY	99	22	36	.	.									137	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	35						181			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSL6A3

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
10	25	15.55 N	161	3.01 W	29	MAY	99	23	14	.	.									46	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		N5L6A4

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
1	0	3	56 19.41 N	161	7.84 W		29	MAY	99	23	52	.	.									514	

SBE 9+/3	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N ___	☐ FLUOR S/N ___	☐ ChlAM S/N ___

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N ___

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		NSLG5

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
104	56	23.28 N	161	12.70 W	30	MAY	99	00	30	.	.									160	

SBE 9+	TIMES	JD/TIME	DATA LOCATION
PRESS SN #63503	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN 1771	START DOWN		
SEC TEMP SN 1772	AT DEPTH		
PRI COND SN 2251	AT SURFACE		
SEC COND SN 501	☐ PAR S/N ___	☐ FLUOR S/N ___	☐ CHAM S/N ___

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N ___

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

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		MOOR 2

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	9	5 5 6 4 8 . 5 9 N	1 6 3 5 9 . 4 9 W		3 0	M A Y	9 9	2 2	5 2	.	.									7 4	

SBE 9+	
PRESS SN	#63503
PRI TEMP SN	1771
SEC TEMP SN	1772
PRI COND SN	2251
SEC COND SN	501

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS Deck Prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ CHAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	b						105 01			
2	25									
3	25									
4	25									
5	25									
6										
7										
8										
9										
10										
11										
12										

70
50
43
30
20
10
0

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		Move 2

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
	16	56.48 N	163	59.58 W	30	MAY	99	23	12											74	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS Dr Sita Prod

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ PAR S/N ____ ☐ FLUOR S/N ____ ☐ CHAM S/N ____ ☐ TRANS. S/N ____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	70									228
2	50									227
3	40								✓	226
4	30									225
5	20								✓	224
6	10									223
7	0								✓	222
8	0									229
9										
10										
11										
12										

Zee Chl

→ samples for Rho

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
Alpha Helix		HX220		Mooring 2

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
	07	56.48 N	163	59.57 W	30	MAY	99	23	28	.	.									74	

SBE 9+		TIMES	JD/TIME
PRESS SN	#63503	DATA ON	
PRI TEMP SN	1771	START DOWN	
SEC TEMP SN	1772	AT DEPTH	
PRI COND SN	2251	AT SURFACE	
SEC COND SN	501		

DATA LOCATION

Tape/Diskette ID	File Name/Header

REMARKS: RHO's Cast

☐ Cleaned air bleed valve

MAX. DEPTH = 35 m

☐ PAR S/N _____ ☐ FLUOR S/N _____ ☐ ChlAM S/N _____ ☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	Bio	CHL.	WHIT's NUTR.
1	32									
2	32									
3	21									
4	21									
5	15									
6	15									
7	8									
8	8									
9	5									
10	5									
11	0									
12	0									