

2nd CTD make: _____ model: _____ serial no.: _____
Temperature sensor model: _____ serial no.: _____
coefficients: slope: _____ offset: _____
Conductivity sensor model: _____ serial no.: _____
coefficients: slope: _____ offset: _____
Pressure sensor range: _____ psi serial no.: _____
coefficients: FSP: _____ dB offset: _____
Transmissometer model: _____ serial no.: _____
coefficients: slope: _____ offset: _____

Winches:

1. make: Vector Winch model: _____ serial no.: _____ use: CTD/Bottle
2. make: Vector Hydro model: _____ serial no.: _____ use: Bottles
3. make: _____ model: _____ serial no.: _____ use: _____
4. make: _____ model: _____ serial no.: _____ use: _____
5. make: _____ model: _____ serial no.: _____ use: _____
6. make: _____ model: _____ serial no.: _____ use: _____
7. make: _____ model: _____ serial no.: _____ use: _____

Salinometer: make: _____ model: _____ serial no.: _____

SALL System:

Program version: _____ Time zone: _____
Sampling interval: _____ sec
CTF module no.: _____ serial no.: _____

Remote temperature model: _____ serial no.: _____
Flow sensor model: _____ serial no.: _____

Other sensors: (special for this cruise)

Name: _____ module ID: _____ serial no.: _____
Name: _____ module ID: _____ serial no.: _____
Name: _____ module ID: _____ serial no.: _____

Comments: _____

ADCP Setup:

Program version: _____ number of depth bins: _____
Time zone: _____ bin length (2x): _____
Sampling interval: _____ sec pulse length: _____
Blank beyond transmit: _____ pings per ensemble: _____
Pulse cycle time: _____
% pings good threshold: _____

Comments: _____

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH		SHIP		CRUISE				PAGE		OF		
1998		03		VECTOR		IOS9808				1				
DAY (UTC) LOCAL	STATION ID	CAST TYPE	TIME (UTC) LOCAL	TIME CODE (-8)	STD/HYDRO CONSEC # CTD CAST	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE # EVENT	# OF BOTTLES	INIT	COMMENTS
30	SGA03	ACO	1017	PST		49 20.10	123 47.44	GPS	-	-	0001			Acoustics SNP
30	SGA03	ACO	1024	PST		49 20.10	123 47.44		-	-	0002			Acoustics SRV
30	CPF1	BTD	1246	PST	0001	49 22.00	124 05.00		-	-	0003			CTD
30	CPF1	BGO	1306	PST		"	"		240	50	0004			Bongo 50-0
30	CPF1	BGO	1330	PST		"	"		240	230	0005			Bongo - LOST!!
30	CPF1	ACO	1409	PST		"	"		240	-	0006			Acoustics SRV
31	CPF2	CTD	0606	PST	0002	49 28.00	124 30.00		320	310	0007			CTD
31	CPF2	BGO	0626	PST		↓	↓		320	50	0008			Bongo 50-0 (TSK4553)
31	CPF2	BGO	0640	PST				320	310	0009			Bongo 310-0 FAILED!	
31	CPF2	BGO	0658	PST				320	310	0010			" FAILED!	
31	CPF2	BGO	0722	PST				320	310	0011			"	
31	BBD3	BGO	1052	PST				74	70	0012			Bongo - Beth	
31	BBD3	CTD	1110	PST	0003	49 24.20	123 37.00		74	68	0013	1		CTD - Beth
31	BBD3	BTL	1112	PST		↓	↓		74	50	0014	1		Bottles - 50
31	BBD3	BTL	1112	PST				74	20	0015	1		- 20	
31	BBD3	BTL	1112	PST				74	15	0016	1		- 15	
31	BBD3	BTL	1112	PST				74	10	0017	1		- 10	
31	BBD3	BTL	1112	PST				74	5	0018	1		- 5	

CAST TYPE - BOT - bottle cast
 CTD - ctd
 MOR - mooring
 ROS - rosette
 NET - net haul
 DRF - drifter
 USW - sea water loop
 200 - Bongo net

TIME CODE - BE - beginning time of cast
 BO - bottom time of cast
 EN - end of cast
 DE - deployment time
 MR - messenger release
 RE - recover mooring

POSITION CODE - RAD - RADAR
 GPS - GLOBAL
 LOR - LORAN

CTD: start of cast BGO: max depth.

- For acoustics on Vector, all the following must be off

- Lab echosounder (Simrad)
- Bridge echosounder
- Bow thruster
- Doppler log

- Acoustics are now using Event 1's as file names.

- 203 Bongo nets lost at CAFI. During 250-0 m cast. We went slack on recovery at about 10m from the surface. We expect a fracture in the shackle pin or shackle itself allowed the net and all gear to break loose.
- Contacted Doug Moore at POS regarding replacement as no backup was taken. Options were as follows:

1. Have bongos sent up from Pos to PBS and Vector picks up bongos there.
2. Use bongos present on Ricker.
3. Get USC white bongo nets.

- To bring bongos up from Pos would take 3 hours, including drift time.

- PBS bongos are in poor condition and nets are badly torn. The replacement nets we had on board would fit 0.56 cm bongo dia nets, not PBS .53 cm bongos.
- USC was contacted and Shannon Harris delivered bongos to CCG base at Kiti.

- Bongos picked up by launch
- Proceeded to Con Harbour for refueling.

31 March 98

- CPFZ, 0600.
- White bongos are not too good on larger vessels (i.e. Vector) as the weight is too light (10 kg cannon ball) and the bongo shunts on the down cast. This was corrected by a stronger rope and a ply iron
- Casts filled with phytoplankton, taking 15-30 min to filter down

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR			MONTH		SHIP			CRUISE			PAGE		OF	
1998			03		VECTOR			I019808			2			
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE # EVENT	# OF BOTTLES	INIT	COMMENTS
31	B803	BTL	1112			49 24.20	123 37.00		74	0	0019	1		-0
31	B802	CTD	1221		0004	49 19.70	123 44.10		220	210	0020			Beth
31	"	BTL				↓	↓		220	50	0021	1		
31	"	BTL						220	20	0022	1			
31	"	BTL						220	15	0023	1			
31	"	BTL						220	10	0024	1			
31	"	BTL						220	5	0025	1			
31	"	BTL						220	0	0026	1			
31	B802	BGO	1239						220	50	0027			
31	B803	BGO	1332			49 15.00	123 45.00		406	400	0028			Beth
31	"	BGO	1345			↓	↓		406	200	0029			
31	"	BGO						406	50	0030				
31	"	BTL	1327					406	50	0031	1			
31	"	BTL						406	25	0032	1			
31	"	BTL						406	15	0033	1			
31	"	BTL						406	10	0034	1			
31	"	BTL						406	5	0035	1			
31	"	BTL				↓	↓		406	0	0036	1		

CAST TYPE -

BOT -
CTD -
MOR -bottle cast
ctd
mooringROS -
NET -
DRF -rosette
net haul
dritter

USW -

sea water loop

TIME CODE -

BE -
BO -
EN -beginning time of cast
bottom time of cast
end of castDE -
MR -
RE -deployment time
messenger release
recover mooring

POSITION CODE -

RAD -
GPS -
LOR -RADAR
GLOBAL
LORAN

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

[illegible]

Captain: Andrew R. Waye First Officer: Paul Tasker

Second Officer: Malcolm Rogers Third Officer: -

Cruise Participants / Agencies: COPPA / Acoustics / UBC

Scientific Personnel: Party Chief: Stephen Romaine

Name	Watch	Cabin	Name	Watch	Cabin
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<u>Beth Bornhold</u>					
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<u>Hugh Maclean</u>					
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<u>Ty Hawley</u>					
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<u>Erin Pazivk</u>					
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<u>Andrew R. Waye</u>					
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<u>Paul Tasker</u>					
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Second leg of cruise: Party Chief: _____

Name	Watch	Cabin	Name	Watch	Cabin
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Data logging system: Unit no.: _____

Program Name: _____ Program version: _____

CTD deck unit make: _____ model: _____ serial no.: _____

Computer make: _____ model: _____ serial no.: _____

1st CTD make: Seabird model: SBE17 serial no.: 1294

Temperature sensor model: _____ serial no.: _____

coefficients: slope: _____ offset: _____

Conductivity sensor model: _____ serial no.: _____

coefficients: slope: _____ offset: _____

Pressure sensor range: _____ psi serial no.: _____

coefficients: FSP: _____ dB offset: _____

Transmissometer model: _____ serial no.: _____

coefficients: slope: _____ offset: _____

Comments: COPPA CTD Unit