

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9503		no.	I.D.	48 16.09	123 25.02	dy
		5	JDF			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
9	2	95	zone	160	150	150 Bernoulli 41
			in water			
			down			
			on deck			

COMMENTS
CTD/R - forgot to tag bottles 1 & 2

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
150	1	✓	75 ✓						POC, DOC PON, DON								
125	2		76 ✓														
100	3		77 ✓														
75	4		78 ✓														
50	5		79 ✓														
30	6		80 ✓														
20	7	✓	81 ✓			✓	✓										
10	8		✓			✓	✓										
2	9		✓			✓	✓										
	10																

chl by Zhimeng

CTD/ROSETTE SAMPLE LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
06	Sill

LATITUDE
48 15.71

LONGITUDE
123 10.02

RECORDED BY
JL

DA	MO	YR
9	2	95

TIME	
zone	PST
in water	1134
down	
on deck	1144

SOUNDER (m)
131

CAST DEPTH (m)
125

DATA BACKUP DISK

COMMENTS
CTD/R at Sill

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
125	1		82	✓					DOC DON								
100	2		83	✓													
75	3		84	✓													
50	4		85	✓													
30	5		86	✓													
20	6	✓	87	✓		✓	✓										
10	7		✓	✓		✓	✓										
2	8		✓	✓		✓	✓										

col by
Zhimenq

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9503			no.	I.D.	48 22.	123 02.	
			07	Hein			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
9	2	95	zone	PST	150	145	
			in water	1242			
			down				
			on deck	1254	COMMENTS		
					CTD/R		Bongos here 2

[illegible]

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
08	SH11

LATITUDE
48 28.75

LONGITUDE
123 08.52

RECORDED BY
py

DA	MO	YR
9	2	95

TIME	
zone	TST
in water	1425
down	1434
on deck	1447

SOUNDER (m)
268

CAST DEPTH (m)
260

DATA BACKUP DISK
Burn ISO = 1

COMMENTS
CTD/R

Depth (m)	Bottle Number										Thermometers (left)			center	(right)		right			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux	Main	Aux.	Main	Corr.	Main
260	1	✓	95	✓					Doc, Don	20011	13.5	8.59	15894	15.3	8.60		15765	15.4	8.60	
200	2		96	✓																
150	3		97	✓																
100	4		99	✓																
75	5		100	✓																
50	6		101	✓																
30	7		102	✓																
20	8	✓	103	✓		✓	✓													
10	9			✓		✓	✓													
2	10			✓		✓	✓		✓											

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CTD/ROSETTE SAMPLER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9503		no.	I.D.	48 33.	123 13.	
		09	HARD			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
9	2	95	zone PST in water 1544 down on deck 1611	296 302	290	

COMMENTS
CTD/R

Depth (m)	Bottle Number								Thermometers (left)			Mid	(right)	Right 15765				
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.	
290	1	✓	104	✓					DOC, POC DON, PON 20011		8.3 8.2	8.27 8.26	15894	8.6 8.3	8.26 8.4	8.3 8.3	8.25 8.25	*
200	2		105	✓														
150	3		107	✓														
100	4	✓	01	✓														
75	5		02	✓														
50	6		03	✓														
30	7		04	✓														
20	8		05	✓		✓	✓											
10	9			✓		✓	✓											
2	10			✓		✓	✓		↓									

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION
no. 10 I.D. Stuart

LATITUDE
48 40.80

LONGITUDE
123 15.20

RECORDED BY

DA MO YR
9 2 95

TIME
zone PST
in water 1715
down
on deck 1739

SOUNDER (m)
316

CAST DEPTH (m)
310

DATA BACKUP DISK

COMMENTS
CTD/R + Borgos (2)
- data became noisy on ↓ @ 60 m, better deeper on ↑ - check connectors (grounding problem?)

Depth (m)	Bottle Number									Thermometers (left)			used	(15894)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
310	1		06	✓					POC, PON DOC, DON	20011	7.1	8.20	15894	70	7.1	8.20	15765
200	2		07	✓													
150	3		08	✓													
100	4		09	✓													
75	5		10	✓													
50	6		11	✓													
30	7	✓	12	✓													
20	8		13	✓		✓	✓										
10	9		-	✓		✓	✓										
2	10		-	✓		✓	✓		↓								

CTD/ROSETTE SAILOR LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
11	Swenson

LATITUDE
48 44.21

LONGITUDE
123 17.39

RECORDED BY

DA	MO	YR
9	2	95

TIME	
zone	PST
in water	1900
down	
on deck	

SOUNDER (m)
168

CAST DEPTH (m)
160 m

DATA BACKUP DISK

COMMENTS
CTD/R one bottle did not trip - probably set screw to 11 instead of 12. bottle (was 125m, etc.)

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
140	1		14	✓													
125	12		14	✓													
100	28		15	✓													
75	34		16	✓													
50	45		17	✓													
30	58		18	✓													
20	67		19	✓		✓	✓										
10	78			✓		✓	✓										
2	88			✓		✓	✓										
UN																	

Note 11-6 glass tube exploded.

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
9503			no.	I.D.	48 43.4		123 25.6				
			12	SAT							
DA MO YR			TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK		
9 2 95			zone	PST	84m		80 m				
			in water	2018							
			down								
			on deck	2025							
			COMMENTS								
			CTD/R at Satellite								

[illegible]

[illegible]

CTD/ROSETTE SAILER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9503			no.	I.D.	48 39.32		123 29.88			
			14	Saan						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
10	2	95	zone	PST	175		170			
			in water	0934						
			down	0940						
			on deck	0949						

COMMENTS	
CTD/R	-duplicate cast at this station

[illegible]

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION
no. 16 I.D. Ball Pt

LATITUDE
49 45.59

LONGITUDE
124 14.00

RECORDED BY

DA MO YR
13 2 95

TIME
zone PST
in water 1656
down 1708
on deck 1725

SOUNDER (m)
381

CAST DEPTH (m)
350

DATA BACKUP DISK

COMMENTS
CTD/Rosette @ Ball Pt.

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
350	1	✓		✓					POC, PO ₄ N DOC, DO ₄ N								
250	2			✓													
175	3			✓													
100	4			✓													
75	5			✓													
50	6			✓													
30	7			✓													
20	8			✓		✓	✓										
10	9	✓		✓		✓	✓										
2	10			✓		✓	✓										

NOTE
16-6 glass tube broke

CTD/ROSETTE SAILER LOG SHEET

CRUISE
9503

STATION
no. 21 I.D. Hotham

LATITUDE 49 48.31 LONGITUDE 124 02 05

RECORDED BY

DA MO YR
14 2 95

TIME
zone PST
in water 1749
down
on deck 1832

SOUNDER (m) 650 CAST DEPTH (m) 500

DATA BACKUP DISK

COMMENTS
CTD/R at Hotham S.

P = 502 m
T = 9.335
S = 30.984

Depth (m)	Bottle Number									Thermometers (left)			center	(-right)		right		
	Rosette	Sal.	O ₂	Nut.	pH	chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Main	Aux.	Main	Corr.
500	1	✓		✓					DOC DON	20011	0.2	9.21	15894	0.2	9.21	0.0	9.19	15765
											0.0	9.20		0.0	9.20	-0.1	9.19	
350	2			✓														
200	3			✓														
100	4			✓														
75	5			✓														
50	6			✓														
30	7			✓														
20	8			✓		✓	✓											
10	9			✓		✓	✓											
0	10			✓		✓	✓		↓									

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
22	Hobbs

LATITUDE
49 48.22

LONGITUDE
124 02.03

RECORDED BY
dy

DA	MO	YR
14	2	95

TIME	
zone	PS
in water	1903
down	1916
on deck	

SOUNDER (m)
650 +

CAST DEPTH (m)
350

DATA BACKUP DISK
Bern 150 #1

COMMENTS
Duplicate cast for water
- forgot to get 3 bottles @ 350 - had to go back down

Depth (m)	Bottle Number									Thermometers (left)			Center (right)		Right			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr. Ser.	
350	1								DOF DON	20011	0.3	9.15	15894	0.4	9.16	0.3	9.16	15765
											0.2	9.17		0.3	9.17	0.2	9.15	
350	2																	
350	3																	
350	4			✓														
350	5																	
75	6																	
75	7			✓														
75	8																	
0	9			✓					↓									
0	10																	

NO
GOOD

0 10.

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
26	Culloden

LATITUDE
49 47.21

LONGITUDE
124 04.22

RECORDED BY

DA	MO	YR
15	2	95

TIME	
zone	
PST	
in water	
down	
on deck	
1541	

SOUNDER (m)
~660

CAST DEPTH (m)

DATA BACKUP DISK

COMMENTS
CTD/e at Culloden Pt.

Depth (m)	Bottle Number									Thermometers (left)				(right)				
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.	
500	1	✓		✓						20011	4.4	9.27	15894	4.5	9.28	4.5	9.26	15765
											4.3	9.28		4.4	9.28	4.4	9.27	
250	2			MT														
150	3			✓														
100	4			✓														
75	5			✓														
50	6			✓														
35	7			✓														
26	8			✓			✓											
10	9			✓			✓											
0	10			✓			✓											

base on
cast

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9503			no.	I.D.	49 50.09		124 01.00			
			27	Elephant						
DA MO YR			TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
15 4 95			zone	PST	~338m		300 ~			
			in water	1607						
			down							
			on deck							
					COMMENTS					
					CTD/R at Elephant					

[illegible]

CTD/ROSETTE SAMPLE LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9503			no.	I.D.	49 47.99		128 59.09			
			28	Foley						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
15	2	95	zone	PST	590		250			
			in water	1650						
			down							
			on deck	1709						

COMMENTS
CTD/R at Foley to 250m

[illegible]

CTD/ROSETTE SAMPLE LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9503			no. I.D.		49 54.96		123 52.90			
			30 Vanc Bay							
DA MO YR			TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
15 2 95			zone PST		216m		200m			
			in water							
			down							
			on deck							
			1920							
			1930							
					COMMENTS					
					CTD/R in Vancouver Bay					

$$\begin{aligned} P &= 200.7 \\ T &= 9.279 \\ S &= 30.663 \end{aligned}$$
[illegible]

CTD/ROSETTE SAILER LOG SHEET

CRUISE
9503

STATION
no. 31 I.D. Patrick

LATITUDE 50 05.49 LONGITUDE 123 47.55

RECORDED BY

127 48.2

DA MO YR
15 2 95

TIME
zone PST
in water 2105
down 2140
on deck 2157

SOUNDER (m) ? 450
CAST DEPTH (m) 400m
450m

DATA BACKUP DISK

COMMENTS
CTD/R at Patrick Pt. - touched bottom @ 391 m
- ran up & down to clean
- moved ship eastward to clear shallow water

Depth (m)	Bottle Number									Thermometers (left)			(right)					
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.	
400	1			✓					DO 3.2 / DO 3.1	20011	3.2	9.20	15894	3.2	9.20	3.3	9.19	15765
350	2			✓							3.1	9.20		3.2	9.20	3.2	9.20	
200	3			✓														
100	4			✓														
75	5			✓														
50	6			✓														
30	7			✓														
20	8			✓		✓	✓											
10	9			✓		✓	✓											
0	10			✓		✓	✓											

Note: Downcast to 391 m may not match that deeper (the ship moved into mid-channel)

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9503

STATION	
no.	I.D.
32	Cowichan Bay

LATITUDE
48 44.8

LONGITUDE
123 35.6

RECORDED BY

DA	MO	YR
16	2	95

TIME	
zone	
PST	
in water	
1844	
down	
on deck	

SOUNDER (m)
62

CAST DEPTH (m)
60

DATA BACKUP DISK

COMMENTS

Cowichan Bay str, as for 9440 (Nov) - bottle 3 tripped @ 40 m in error
-mostly for Zhimeng's samples

Depth (m)	Bottle Number								Thermometers (left)			(right)						
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.	
60	1			✓					POC, PON 20011 DOC, DON		6.8	7.79	5894	6.7	7.80	6.9	7.80	5765
											6.8	7.80		6.7	7.80	6.8	7.80	
50	2			✓					↓									
3																		
30	3 4			✓														
20	4 5			✓		✓												
10	5 6			✓		✓												
0	6 7			✓		✓			↓									

disregard 40

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9503			no.	I.D.			
			34	Saanich			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
16	2	95	zone	PST	178	170	
			in water	1932			
			down				
			on deck	1948	COMMENTS		
			CTD/R at Saanich Inlet, Repeat of stn 13 w/ one week lag Cadding [O ₂] measurement				

[illegible]