

Rosette Log, 24 bottle

CRUISE NO:
STATION NO:

9606

300m ch / 100m 3

UTC DATE: APRIL 9 / 96
HYDRO No.:

VESSEL: VECTOR

ENTERED BY: *D. W.*
CHECKED BY:Sample
Depth
db

ROSETTE OPERATION

Trip
Depth (db)Trip
TempTrip
Confirmed

Temperature or Pressure

Sensor 1 *SAL*

SERIAL # oC or dbar

Temperature or Pressure

Sensor 2

SERIAL # oC or dbar

NISK. SAMPLE OXY. OXY.
No. No. Flask TEMP

1	1	1-1-9	1008	9.9	220	0.0	0.00	μmol/Kp	31.2919		
2	2	1-2-9	1010	10.2	210	0.0	0.00		31.2888		
3	3	1-3-9	1020	10.1	200	57.81	57.29	(Bubble)	31.2850		
4	4	1-4-9	1027	9.9	190	57.81	57.29	" ?	31.2807		
5	5	1-5	1028	9.7	180	2.06	1.03		31.2730		
6	6	1-6	1031	9.7	170	2.06	1.03		31.2649		
7	7	1-7	1032	9.7	160	2.06	1.03		31.2558		
8	8	1-8	1033	9.9	150	0.76	(-6.30)	*	31.2459		
			1036								
			1039								
9	1	2-9	1036	10.2	140	2.36	1.31		31.2336		
10	2	3-10	1040	9.6	100	43.33	42.65		30.7465		
11	3	3-11	1045	8.9	75	134.49	134.49		30.1107		
12	4	3-12	1052	8.9	50	188.69	188.99		29.7018		
13	5	3-13	1047	8.5	40	198.91	199.29		29.3958		
14	6	3-14	1054	8.6	30	221.78	222.29		29.2072		
15	7	3-15	1056	8.8	20	216.17	216.62		29.016		
16	8	3-16	1062	8.3	10	207.86	208.22		28.8157		
17	9	3-17	1065	8.8	5	358.98	360.36		28.8072		
18	10	3-18	1057	7.6	0	405.31	406.90		28.5301		
19	1	4-19	1039	10.6	125	2.53	1.52		31.1982		

Bottom Depth:

Cast No:

Time LOC UTC

Begin:

Bottom:

End:

BEGIN POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments

Rosette Log, 24 bottle

CRUISE NO:
STATION NO:

9606

UTC DATE: 11 APR
HYDRO No.:

VESSEL: VECTOR

ENTERED BY: DFM

CHECKED BY:

NISK No.	SAMPLE No.	OXY. Flask	OXY. TEMP	Sample Depth db	ROSETTE OPERATION			Temperature or Pressure Sensor 1		Temperature or Pressure Sensor 2	
					Trip Depth (db)	Trip Temp.	Trip Confirmed	SERIAL #	oC or dbar	SERIAL #	oC or dbar
1	5-1	1008	8.8	80	30.207		392.45				
2	5-2	1010	9.0	50	29.7237		226.95				
3	5-3	1020	8.9	30	29.4561		235.47				
4	5-4	1027	9.0	20	29.3863		243.20				
5	5-5	1028	9.0	10	29.2493		249.75				
6	5-6	1031	9.0	0	29.1268		257.57				
34	6-3	1032	8.4	125	30.8766		206.00				
42	6-4	1033	8.8	100	30.7666		210.73				
50	6-5	1036	8.5	75	30.3357		216.87				
64	6-6	1040	9.0	50	29.9389		223.16				
76	6-7	1045	8.7	30	29.7879		226.54				
88	6-8	1047	8.8	20	29.7657		228.02				
97	6-9	1052	8.8	10	29.6676		227.64				
108	6-10	1054	9.1	0	29.3432		243.66				
1	8-1	1056	8.4	310	31.3852		198.30				
2	8-6	1062	8.6	200	31.1534		203.87				
3	8-7	1065	8.5	150	31.0382		205.13				
4	8-8	1054	8.6	100	30.7742		211.15				
5	8-9	1062	8.5	75	30.6144		216.45				
6	8-10	1068	8.8	50	30.3487		218.47				
7	8-11	1069	8.8	30	30.1787		220.85				
8		1072		20							
9		1072		10							
10		1072		0							

Bottom Depth:

Cast No:

Time LOC UTC

Begin:

Bottom:

End:

BEGIN POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments

check file #
960900008
should be 960000008

SAT.
CHAN.SWAN.
CH.

St. L.

Rosette Log, 24 bottle

CRUISE NO:
STATION NO:

3606

UTC DATE: 11 April
HYDRO No.:

VESSEL: Vector

ENTERED BY: DEM
CHECKED BY:

NISK No.	SAMPLE No.	OXY. Flask	OXY. TEMP	Sample Depth db	ROSETTE OPERATION			Temperature or Pressure Sensor 1		Temperature or Pressure Sensor 2	
					Trip Depth (db)	Trip Temp.	Trip Confirmed	SERIAL #	°C or dbar	SERIAL #	°C or dbar
1	10-1	1039	8.6	240	260				31.8713	13.51	184.06
2	-2	1072	8.6	200					31.2984	13.51	200.87
3	-3	1073	8.8	150					31.1947		203.93
4	-4	1084	8.6	100					31.0953		205.97
5	-5	1087	8.7	75					30.9769		208.15
6	-6	1090	8.8	50					30.6726		216.92
7	-7	1092	8.7	30					30.2992		220.21
8	1-1	1086	9.1	20					30.2795		220.05
9	1-2	1100	8.9	10					30.0095		220.76
10	1-3	1101	9.1	0					29.6729		252.21
1 ^{1/2}	9-1	1103	9.0	20					29.9785		227.06
2 ^{1/2}	9-2	1104	9.3	10					29.8501		225.91
3 ^{1/2}	9-3	1105	9.0	20					29.6595		224.71
	12-1	1106	8.4	280	182				31.6312	15.70	189.95
	-2	1109		200	150				31.5032		
	-3	1110	8.8	150	100				31.1208		215.96
	-4	1113	8.6	100	75				31.0375		208.50
	-5	1114	8.6	75	50				30.8225		218.01
	-6	1119	8.6	50	30				30.7370		217.24
	-7	1120	8.5	30	20				30.6795		220.85
	-8	1121	8.5	20	20				30.6717		222.70
	-9	1122		10	10				30.5776		
	-10	1125		0	10				30.6005		

Bottom Depth:

Cast No:

Time LOC UTC

Begin:

Bottom:

End:

BEGIN POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments

Rosette Log, 24 bottle

CRUISE NO:
STATION NO:

UTC DATE: 15 APR 96
HYDRO No.: _____

VESSEL: VECTOR

ENTERED BY: DFM.

CHECKED BY:

Bottom Depth:

Cast No:

Time	LOC	UTC
------	-----	-----

Begin:

Bottom:

End:

BEGIN POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments

NISK No.	SAMPLE No.	OXY. Flask	OXY. TEMP	Sample Depth db	ROSETTE OPERATION			Temperature or Pressure		Temperature or Pressure	
					Trip Depth (db)	Trip Temp.	Trip Confirmed	<u>umol/kg</u> Sensor 1 SERIAL #	oC or dbar	Sensor 2 SERIAL #	oC or dbar
1		1144	9.3	125		12.49	32.3441	168.77			
2		1145	8.9	100	42	18.7	32.2177	171.62			
3		1146	9.1	75	123	14.6	31.2743	174.62			
4		1148	10.5	50			30.7864	218.97			
5		1149	9.4	30			30.4613	224.71			
6		1150	9.5	20			30.4122	234.14			
7		1151	9.7	10			30.3603	241.94			
8		1152	9.9	0			30.3285	243.38			
1		1153	9.9	98		17.32	32.8723	155.40			
2		1154	9.5	75		43° 20'	32.6951	154.45			
3		1155	10.2	50		123° 25.1'	31.7226	180.82			
4		1156									
5		1157									
6		1158	9.5	30			30.8984	222.39			
7		1160	9.8	20			30.8958	223.38			
8		1161	9.9	10			30.8771	225.17			
9		1163	10.4	0			30.4648	246.67			
			</								

CTD/ROSETTE SURVEY LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9606		no.	I.D.	48° 35.3	123° 30.1	
		1	SI 3			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
9	4	96	zone	231	220	
			PDT			
			in water			
			down			
			on deck			

COMMENTS
SI 3 - Cast 1 of 3 no tag @ 150m

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.
220	1	✓	1008						H ₂ S, POC	20011	10.5	9.60		15594 15765	10.5	-	
210	2	✓	1010								11.0	9.61			11.0	9.59	
200	3	✓	1020														
190	4	✓	1027														
180	5	✓	1028														
170	6	✓	1031														
160	7	✓	1032														
150	8	✓	1033	✓													
150	9																
150	10																

RM

CTD/ROSETTE SURVEY LOG SHEET

CRUISE
9606

STATION
no. 2 I.D. SI3

LATITUDE
48° 35.3

LONGITUDE
123° 30.1

RECORDED BY

DA MO YR
9 4 96

TIME
zone PDT
in water 1021
down
on deck

SOUNDER (m)
230

CAST DEPTH (m)
220

DATA BACKUP DISK

COMMENTS

SI3
cast 2 of 3 (or 4)

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.
740 220	1																
900 210	2																
75 200	3																
50 190	4																
40 180	5																
30 170	6																
160 160	7																
150 150	8	✓	1034	1034													
140 140	9																
130 140	10			▽													

only 9

PM

CTD/ROSETTE SURVEY LOG SHEET

CRUISE	STATION		LATITUDE	LONGITUDE	RECORDED BY
9606	no.	I.D.	48.35.33	123 30.14	
	3	SI3			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
9	4	96	zone 1104	225	100	
			in water			
			down			
			on deck			

COMMENTS
CTD/R cast 3

Depth (m)	Bottle Number 02									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	14 C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
10. 100	1	✓	1040					.170									
11. 75	2	✓	1045					.522									
12. 50	3	✓	1052					.696									
13. 40	4	✓	1047					.767									
14. 30	5	✓	1054					.855									
15. 20	6	✓	1056					.843									
16. 10	7	✓	1062					.803									
18. 5	8	✓	1057					1.55-1									
5	9																
17. 5	10	✓	1065					1.390 floor									

Bm

CTD/ROSETTE SHOOTER LOG SHEET

[illegible]

CTD/ROSETTE S# _____ SER LOG SHEET

CRUISE
9606

STATION	
no.	I.D.
5	STATION

LATITUDE
48° 43.4

LONGITUDE
123° 25.8

RECORDED BY
DLM.

DA	MO	YR
10	4	96

TIME	
zone	PDT
in water	0920
down	0924
on deck	0933

SOUNDER (m)

CAST DEPTH (m)	

DATA BACKUP DISK

COMMENTS

CTD/R Satellite Channel

[illegible]

CTD/ROSETTE SURVEY LOG SHEET

CRUISE
9606

STATION
no. 6 I.D. SWAN

LATITUDE
48° 44.3

LONGITUDE
123° 17.4

RECORDED BY
DLM

DA MO YR
10 4 96

TIME
zone PST
in water 1008
down 1015
on deck

SOUNDER (m)
170

CAST DEPTH (m)
160

DATA BACKUP DISK

COMMENTS
CTD/R, Swanson Channel - Cast 1 of 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.
160	#2	✓	1031	NO		SAMPLES			TOC DEC/DON								
100 125	#3	✓	1032						TOC DEC/DON								
75 100	#4	✓	1033														
50 75	#5	✓	1036														
25 50	#6	✓	1040														
0 25	#7	✓	1045	↓		↓											
10 20	#8	✓	1047														
10	#9	✓	1052	↓		↓											
0	10	✓	1054						↓								

Came to surface w/ 10 bottles (10th bottle = 0 m)
closed; assume trips as shown. Weeely
drawing salinities from all 10 to verify

CTD/ROSETTE SURVEYER LOG SHEET

CRUISE
9606

STATION
no. 7 I.D. SWAN

LATITUDE
48 44.3

LONGITUDE
123° 17.4

RECORDED BY
DLM

DA MO YR
10 4 96

TIME
zone PDT
in water 1950
down 1052
on deck 1054

SOUNDER (m)
~165

CAST DEPTH (m)
20 m

DATA BACKUP DISK

COMMENTS
CTD/R Swanson cast 2 of 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.
20	1																
10	2																
0	3																

second cast for nutr & chl at upper 3 depths

CTD/ROSETTE SHEET LOG SHEET

CRUISE 9606		STATION no. 8 I.D. STV		LATITUDE 48°40.9	LONGITUDE 123°15.3	RECORDED BY
DA 10	MO 4	YR 96	TIME zone PDT in water 1120 down on deck	SOUNDER (m) 3335 334	CAST DEPTH (m) 310	DATA BACKUP DISK
COMMENTS CTD/R, cast 1 of 2 2 bongos some hysteresis on %T 250-300m						

Tag 6

Tag 7

Tag 8

Tag 9

Tag 10

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.
✓ 310	1	✓	✓	✓	✓	✓	✓	✓	TCO DOC DON								
✓ 200	2	✓	✓	✓	✓	✓	✓	✓									
✓ 150	3	✓	✓	✓	✓	✓	✓	✓									
✓ 100	4	✓	✓	✓	✓	✓	✓	✓									
✓ 75	5	✓	✓	✓	✓	✓	✓	✓									
✓ 50	6	✓	✓	✓	✓	✓	✓	✓									
✓ 30	7	✓	✓	✓	✓	✓	✓	✓									
✓ 20	8	✓	✓	✓	✓	✓	✓	✓									
10	9																
0	10			✓		✓											

omit O₂ & S from top 3 bottles

CTD/ROSETTE ST. W. ER LOG SHEET

CRUISE
9606

STATION	
no.	I.D.
9	STU

LATITUDE
48 40.8

LONGITUDE
123.15.5

RECORDED BY
DLM

DA	MO	YR
10	4	96

TIME	
zone	POT
in water	1251
down	1254
on deck	1258

SOUNDER (m)
330

CAST DEPTH (m)
20 m

DATA BACKUP DISK

COMMENTS

CTD/R Cast 2 of 2

[illegible]

CTD/ROSETTE SURVEY LOG SHEET

CRUISE
9606

STATION
no. I.D.
10/11/12 HARO

LATITUDE
48.33.4

LONGITUDE
123.13.3

RECORDED BY
DLM

DA MO YR
10 4 96

TIME
zone PDT
in water 1342/1447
down 1352
on deck

SOUNDER (m)
300
→ 234

CAST DEPTH (m)
200
260

DATA BACKUP DISK

COMMENTS
CTD/R, Haro Strait (2 casts)

#12 #10

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.
20 ✓160	1								TCO ₂ DOC/DON								
10 ✓200	2																
0 ✓150	3																
✓100	4																
✓75	5																
✓50	6																
✓30	7																
✓20	8																
✓10	9																
0	10																

File #11 - checked at surface, don't know why

CTD/ROSETTE SURVEY LOG SHEET

CRUISE
9606

STATION
no. 13 I.D. SH11

LATITUDE
48.28.7

LONGITUDE
123.08.7

RECORDED BY
DLM

DA MO YR
11 04 96

TIME
zone POT
in water 1528
down
on deck

SOUNDER (m)
278

CAST DEPTH (m)
250

DATA BACKUP DISK

COMMENTS
CTD/R
2 BONGOS - cancel due to weather

#13

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.
178 250	1																
150 200	2																
100 150	3																
75 100	4																
50 75	5																
30 50	6																
20 30	7																
20 20	8																
10 10	9																
10 10	10																

Brutal wire angle, not dropping @ 150m.
on recovery, hit stern, broke bottles 2 & 3 + one reversing thermometer

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9606			no.	I.D.	48° 18.71'		123° 14.60'		JFM	
			14	HEIN/ SILL						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
15	4	96	PDT		131		125			
			zone							
			in water	1250						
			down							
			on deck							
COMMENTS										
CTD/ROSETTE 2 BONGOS										

[illegible]

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9606			no.	I.D.	48° 18.71		123° 14.60'		DFM.	
			15	Henry Sill						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
15	4	96	PDT		132		250			
zone										
in water										
down					COMMENTS CTD/ROSETTE - more water.					
on deck										

[illegible]

CTD/ROSETTE SAMPLER LOG SHEET

CRUISE
9606

STATION
no. I.D.
16/17 JDF reused

LATITUDE LONGITUDE
48° 19.96' 123° 25.13'

RECORDED BY
DFM

DA MO YR
15 04 96

TIME PDT
zone
in water 1728
down
on deck

SOUNDER (m) CAST DEPTH (m)
104 95

DATA BACKUP DISK

COMMENTS

CTD/ROSETTE, 2 BONGOS.

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.
98	1								TCO ₂ DOC/DON								
75	2																
50	3																
30	4																
20	5																
10	6																
0	7																
0	8																
0	9																

Cast #16

Cast #17
↓