

Rosette Log

CRUISE ID: 9801
STATION NAME: 05-JDF

UTC DATE y/m/d: 1998/02/19
CAST NO.: 03

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		D.O.	°C / dbar
								OXY		C13		NUT		CHL				
1	1	1036		150m	150	✓ 32.5		x				x	x				5.97	
2	2	1045		100m	100	✓ 32.1		x				x	x				5.799	
3	3	1052		75m	75	✓ 31.7		x				x	x				5.826	
4	4	1062		50m	50	✓ 30.8		x				x	x				5.995	
5	5	1090		30m	30	✓ 30.7		x				x		x			6.064	
6	6	1103		20m	20	✓ 30.5		x				x		x			6.132	
7	7	1104		10m	10	✓ 30.5		x				x		x			6.132	
8	8	1105		0m	1	✓ 30.4		x				x					6.209	
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ENTERED BY: *dy*
CHECKED BY:

Bottom Depth: 156

Cast # down: 3

Cast # up: 3

Time LOC UTC 16
Begin: 0808 1606
Bottom: 0811 1611
End: 0821 1621

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48 16.05
LONG: 123 24.99

Comments:

Rosette Log

CRUISE ID:

9801

UTC DATE y/m/d:

98/2/19

SHIP:

Vector

STATION NAME:

06-S11

CAST NO.:

04

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
9	1	1106		125	126	✓ 31.919	✓				✓	✓					5.739	
10	2	1110		100	100	✓ 31.427	✓				✓	✓					5.867	
11	3	1113		75	76	✓ 31.094	✓				✓	✓					5.920	
12	4	1114		50	50	✓ 30.585	✓				✓	✓					6.017	
13	5	1119		30	30	✓ 30.202	✓				✓		✓				6.219	
14	6	1122		20	20	✓ 30.160	✓				✓		✓				6.256	
15	7	1126		10	10	✓ 30.152	✓				✓		✓				6.248	
16	8	1128		0	1	✓ 30.146	✓				✓						6.249	
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ENTERED BY:

dy

CHECKED BY:

Bottom Depth: 132

Cast # down: 4

Cast # up: 4

Time LOC UTC

Begin: 0922 1722

Bottom:

End: 0936 1736

START POSITION (GPS)

LAT: 48 15.70

LONG: 123 9.99

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 15.69

LONG: 123 10.06

Comments:

Rosette Log

CRUISE ID:

9801

UTC DATE y/m/d:

98/2/19

SHIP:

Vector

STATION NAME:

07 - Horn Island

CAST NO.:

5

						ROSETTE OPERATION		Samples taken										Temperature or Pressure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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ENTERED BY:

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CHECKED BY:

Bottom Depth: 151

Cast # down: 5

Cast # up: 5

Time LOC UTC

Begin: 1029 1829

Bottom:

End: 1043 1843

START POSITION (GPS)

LAT: 48 22.93

LONG: 123 2.60

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 22.79

LONG: 123 02.59

Comments:

Data errors!

Rosette Log

CRUISE ID: 9801
STATION NAME: SH11UTC DATE y/m/d: 98/2/19
CAST NO.: 6SHIP: CGS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
25	1	1139	✓	250	251	✓ 30.785		×				×	×				5.946	
26	2	1141	✓	200	201	✓ 30.752		×				×	×				5.968	
27	3	1142	✓	150	150	✓ 30.374		×				×	×				6.087	
28	4	1143	✓	100	100	✓ 30.237		×				×	×				6.124	
29	5	1144	✓	75	75	✓ 30.055		×				×	×				6.235	
30	6	1153	✓	50	50	✓ 30.034		×				×	×				6.237	
31	7	1146	✓	30	30	✓ 29.981		×				×		×			6.262	
32	8	1148	✓	20	20	✓ 29.980		×				×		×			6.263	
33	9	1150	✓	10	10	✓ 29.979		×				×		×			6.271	
34	10	1152	✓	0	0	✓ 29.969		×				×					6.296	
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	23																	

ENTERED BY: dy
CHECKED BY:Bottom Depth: 221Cast # down: 06

Cast # up:

Time	L0C	UTC
Begin:	<u>1158</u>	<u>1958</u>
Bottom:		
End:	<u>1216</u>	<u>2016</u>

START POSITION (GPS)	
LAT:	<u>48 28.71</u>
LONG:	<u>123 8.60</u>

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)	
LAT:	<u>48 28.67</u>
LONG:	<u>123 8.17</u>

Comments:

Rosette Log

CRUISE ID: 9801
STATION NAME: HARDUTC DATE y/m/d: 98/02/19
CAST NO.: 7SHIP: CGSS VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
35	1	1154	✓	290	290	30.591		✓			✓		✓				D.O.	5.985
36	Tag 1 313	2	1155	✓	250	253	✓	30.534	✓		✓		✓					6.019
37	Tag 2 314	3	1157	✓	200	204	✓	30.424	✓		✓		✓					6.044
38	Tag 3 45	4	1158	✓	150	150	✓	30.304	✓		✓		✓					6.016
39	Tag 4 56	5	1160	✓	100	100	✓	30.132	✓		✓		✓					6.053
40	Tag 5 67	6	1167	✓	75	76	✓	29.916	✓		✓		✓					6.108
41	Tag 6 78	7	1168	✓	50	51	✓	29.785	✓		✓		✓					6.144
42	Tag 7 89	8	1171	✓	30	31	✓	29.770	✓		✓		✓					6.141
43	Tag 8 910	9	1174	✓	20	21	✓	29.752	✓		✓		✓					6.141
44	Tag 9 1011	10	1175	✓	10	11	✓	29.754	✓		✓		✓					6.133
	11			0														
	12																	
	13								STND #1	0.722			BLANK #1				.093 ml	.025
	14																.068 ml	
	15								#2	0.722								
	16														#2		.093	.023
	17								#3	0.730							.070	
	18																	
	19														#3		.093	.023
	20																.070	
	21																	
	22																	
	23																	

Comments:

No confirmation 1st trip (or tag) - no bottles left for surface loopsENTERED BY: PRY

CHECKED BY:

Bottom Depth: 296Cast # down: 7Cast # up: 7

Time LOC UTC

Begin: 1318 2118

Bottom:

End:

START POSITION (GPS)

LAT: 48 33 78LONG: 123 13.3

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

.078 .015 .076
.051 .052 .053

Rosette Log

CRUISE ID:

9801

UTC DATE y/m/d:

98/2/19

SHIP:

Vector

STATION NAME:

Stuart Is

CAST NO.:

8

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		(D.O)	Serial # °C / dbar
45	1	1176	✓	325	325	✓ 30.415		X				X	X				6.834	x Bubble
46	2	1177	✓	250	252	✓ 30.252		X				X	X				6.510	X "
47	3	1178	✓	200	203	✓ 30.125		X				X	X				6.628	
48	4	1180	✓	150	151	✓ 30.075		X				X	X				6.025	x Bubble
49	5	1182	✓	100	101	✓ 29.816		X				X	X				6.175	
50	6	1183	✓	75	75	✓ 29.814		X				X	X				6.032	
51	7	1187	✓	50	50	✓ 29.825		X				X	X				6.036	
52	8	1188	✓	30	31	✓ 29.823		X				X		X			6.031	
53	9			20	20	✓ 29.826						X		X				
54	10			10	10	✓ 29.821						X		X				
55	11			0	2	✓ 29.812						X						
	12																	
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	23																	

Comments: 2, 21, 4

Bubbles in flask before and

ENTERED BY:

JY

CHECKED BY:

Bottom Depth: 333

Cast # down: 8

Cast # up: 8

Time LOC UTC

Begin: 1435 2235

Bottom:

End: 1455 2255

START POSITION (GPS)

LAT: 48 40.90

LONG: 123 15.30

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 40.86

LONG: 123 15.30

Rosette Log

CRUISE ID: 9801
STATION NAME: SwansonUTC DATE y/m/d: 98/2/1920
CAST NO.: 9SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial#	°C / dbar
56	1	1189	✓	150	151	✓ 30.173		✓				✓	✓				6.031	x Bubble
57	2	1190	✓	100	100	✓ 29.894		✓				✓	✓				6.056	
58	3	1191	✓	75	75	✓ 29.844		✓				✓	✓				6.021	
59	4	1192	✓	50	50	✓ 29.795		✓				✓	✓				6.015	
60	5			30	30	✓ 29.726						✓		✓				
61	6			20	20	✓ 29.637						✓		✓				
62	7			10	10	✓ 29.482						✓		✓				
63	8			0	0	✓ 29.226						✓						
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ENTERED BY:
CHECKED BY:Bottom Depth: 160Cast # down: 9Cast # up: 9

Time	LOC	UTC
Begin:		0001
Bottom:		
End:		0012

START POSITION (GPS)
LAT: <u>48 44.28</u>
LONG: <u>123 17.41</u>

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: <u>48 44.38</u>
LONG: <u>123 17.40</u>

Comments: D₂ left off upper 3 bottles
21. Bubble in sample before acid

Rosette Log

CRUISE ID: 9801
STATION NAME: Sat Ch

UTC DATE y/m/d: 98/2/20
CAST NO.: 10

SHIP: Vector

					ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip	Confirmed	CFC		TCO		ALK		SAL		POC		(D.O.)	
					pressure	Salinity		OXY		C13		NUT		CHL			Serial #	°C / dbar
64	1	1	1036	✓	75	75	✓	29.663	✓			✓	✓				6.377	Bubble
65	2	2	1045	✓	50	50	✓	29.530	✓			✓	✓				6.357	*
66	3	3	1052	✓	30	30	✓	29.379	✓			✓		✓			6.240	*
67	4	4	1062	✓	20	20	✓	29.154	✓			✓		✓			6.379	*
68	5	5	1090	✓	10	10	✓	28.879	✓			✓		✓			6.098	*
69	6	6	1103	✓	0	0	✓	28.274	✓			✓					6.473	* ↓
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ENTERED BY:
CHECKED BY:

Bottom Depth: 85

Cast # down: 10
Cast # up: 10

Time L0C UTC
Begin: 0102
Bottom:
End: 0108

START POSITION (GPS)
LAT: 48 43.40
LONG: 123 25.81

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48 43.39
LONG: 123 25.92

Comments: * Note: 1-6 = bubble in sample before acid

Rosette Log

CRUISE ID:

9801

UTC DATE y/m/d:

98/2/20

SHIP:

Vedov

STATION NAME:

Saguenich Inlet

CAST NO.:

11

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		(D.O.) Serial #	°C / dbar
70	1	1104	✓	175	175	✓	31.162	✓				✓	✓				0.000	
71	2	1105	✓	150	150	✓	31.156	✓				✓	✓				0.057	
72	3	1106	✓	100	100	✓	30.741	✓				✓	✓				0.127	
73	4	1110	✓	75	75	✓	29.767	✓				✓	✓				4.178	
74	5	1113	✓	50	50	✓	29.333	✓				✓	✓				5.508	
75	6	1114	✓	30	30	✓	29.089	✓				✓		✓			5.484	
76	7	1119	✓	20	20	✓	28.991	✓				✓		✓			5.349	
77	8	1122	✓	10	10	✓	28.589	✓				✓		✓			5.554	
78	9	1126	✓	0	0	✓	27.176	✓				✓					6.367	
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Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth:

179

Cast # down:

11

Cast # up:

11

Time

LOC

UTC

Begin:

0143

Bottom:

End:

0154

START POSITION (GPS)

LAT: 48 39.38

LONG: 123 29.99

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 39.27

LONG: 123 30.03

Rosette Log

CRUISE ID: 9801
STATION NAME: 27DF03

UTC DATE y/m/d: 98/2/27
CAST NO.: 18

SHIP: Vector

						ROSETTE OPERATION		Samples taken										Temperature or Pressure	
Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	Trip pressure	Confirmed Salinity		CFC		TCO		ALK		SAL		POC	PON	Serial #	°C / dbar
79	1			50	50	✓							✓		✓	✓	✓		
80	2			26	20	✓							✓		✓	✓	✓		
81	3			15	15	✓							✓		✓	✓	✓		
82	4			10	10	✓							✓		✓	✓	✓		
83	5			5	5	✓							✓		✓	✓	✓		
84	6			0	2	✓							✓		✓	✓	✓		
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ENTERED BY: AS
CHECKED BY:

Bottom Depth: 74

Cast # down: 18

Cast # up: 18

Time LOC UTC
Begin: 0337
Bottom:
End: 0342

START POSITION (GPS)
LAT: 49 24.05
LONG: 123 27.27

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 49 24.19
LONG: 123 26.97

Comments:

Rosette Log

CRUISE ID:

9801

UTC DATE y/m/d:

98/2/27

SHIP:

Vector

STATION NAME:

27DF02

CAST NO.:

19

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
85	1			50	50	✓							✓		✓	✓		
86	2			20	20	✓							✓		✓	✓		
87	3			15	15	✓							✓		✓	✓		
88	4			10	10	✓							✓		✓	✓		
89	5			5	5	✓							✓		✓	✓		
90	6			0	2	✓							✓		✓	✓		
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ENTERED BY:

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CHECKED BY:

Bottom Depth:

197

Cast # down:

19

Cast # up:

19

Time

LOC

UTC

Begin:

0452

Bottom:

End:

0459

START POSITION (GPS)

LAT: 49 19.71

LONG: 123 44.01

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 49 19.69

LONG: 123 43.99

Comments:

Rosette Log

CRUISE ID: 9801
STATION NAME: 27 DFO1

UTC DATE y/m/d: 98/2/27
CAST NO.: 20

SHIP: Vector

	Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
						Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC		Serial #	°C / dbar
91	1	1			50	51	✓					✓		✓	✓				
92	2	2			20	20	✓					✓		✓	✓				
93	3	3			15	15	✓					✓		✓	✓				
94	4	4			10	10	✓					✓		✓	✓				
95	5	5			5	5	✓					✓		✓	✓				
96	6	6			0	0	✓					✓		✓	✓				
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	23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 398

Cast # down: 20

Cast # up: 20

Time LOC UTC
Begin: 0625
Bottom:
End: 0642

START POSITION (GPS)
LAT: 49 14.95
LONG: 123 44.00

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 49 15.01
LONG: 123 44.01

Comments: