

Rosette Log

CRUISE ID:

9701

STATION NAME:

Sanich Inlet

UTC DATE y/m/d:

97/01/29

CAST NO.:

5

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		Serial #	°C / dbar
1	1	1191		220	220	✓		✓				✓	✓					Titration loaded up
2	2	1192		200	200			✓				✓	✓					
3	3	1193		150	150			✓				✓	✓					Niskin bottom - drip, drip
4	4	1194		125	124.8			✓				✓	✓					
5	5	1195		100	99.8			✓				✓	✓					
6	6	1196		75	75.01			✓				✓	✓					No O ₂ endpoint 99.9%T
7	7	1197		50	50.0			✓				✓	✓					
8	8	1198		40	40.1			✓				✓	✓					
9	9	1200		30	30.58			✓				✓	✓					
10	10	1201		20	20.03			✓				✓	✓					
11	11	1202		10	9.8			✓				✓	✓					
12	12	1203		0	1.6			✓				✓	✓					
13																		
14																		
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16																		
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18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 228

Cast # down: 4

Cast # up: 5

Time LOC UTC

Begin: 0906 1706

Bottom: 1713

End:

START POSITION (GPS)

LAT: 48 35 28

LONG: 123 30 24

BOTTOM POSITION (GPS)

LAT: 48 35 25

LONG: 123 30 28

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9701
STATION NAME: HEINUTC DATE y/m/d: _____
CAST NO.: 711SHIP: Vectra

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	DOC	Serial #	°C / dbar
								OXY		C13	NHH	NUT		CHL		DOM		
1	13	1204		150	144.32			✓	✓		✓	✓	✓			✓		
2	14	1206		100	99.862			✓	✓		✓	✓	✓			✓		
3	15	1208		75	74.161			✓	✓		✓	✓	✓			✓		
4	16	1209		50	49.628			✓	✓		✓	✓	✓	✓		✓		
5	17	1210	bubbles after	30	29.725			✓	✓		✓	✓	✓	✓		✓		
6	18	1211		20	20.043			✓	✓		✓	✓	✓	✓		✓		
7	19	1212		10	9.662			✓	✓		✓	✓	✓	✓		✓		
8	20	1213		0	1.42			✓	✓		✓	✓	✓	✓		✓		
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ENTERED BY: _____
CHECKED BY: _____Bottom Depth: 149Cast # down: 0006Cast # up: 0007

Time	LOC	UTC
Begin:	1236	2036
Bottom:	1241	2041
End:	1245	2045

START POSITION (GPS)
LAT: 48 22 78 N
LONG: 123 02 73 WBOTTOM POSITION (GPS)
LAT: _____
LONG: _____END POSITION (GPS)
LAT: 48 22 757 N
LONG: 123 02 726 WComments: _____

Rosette Log

CRUISE ID:

9701

UTC DATE y/m/d:

97.01.29

SHIP:

Vector

STATION NAME:

SH11

CAST NO.:

10

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
1	21 ✓	1214		260	260.6	NO												
2	22 ✓	1215		200	199.70			/					/	/				
3	23 ✓	1216		150	149.94			/					/	/				
4	24 ✓	1217		100	99.76			/					/	/				
5	25 ✓	1218		75	75.83			/					/	/				
6	26 ✓	1219		50	50.08			/					/	/				
7	27 ✓	1220		30	29.91			/					/	/				
8	28 ✓	1221		20	20.29			/					/	/				
9	29 ✓	1222		10	10.14			/					/	/				
10	30	1223		0	1.08			/					/	/				
11																		
12																		
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16			(9)															
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22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 271

Cast # down: 8/9

Cast # up: 10

Time	LOC	UTC
Begin:	1412	2211 / 2311
Bottom:	1518	2318
End:	1528	2328

START POSITION (GPS)

LAT: 48 28.7 N

LONG: 123 08.68 W

BOTTOM POSITION (GPS)

LAT: 48 28.6 N

LONG: 123 19.31 W

END POSITION (GPS)

LAT: 48 28 64 N

LONG: 123 08 75 W

Comments:

Cast 8 crashed @ 150m; isolated leak in cable; Re cast as Cast # 9 down cast
Cast #10 - up cast

Rosette Log

CRUISE ID:

9701

UTC DATE y/m/d:

970129

SHIP:

Vector

STATION NAME:

Haro

CAST NO.:

112

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	DOC	Serial #	°C / dbar
1	31 ✓	1191		260	259.08			✓	✓		✓	✓	✓		✓			
2	32 ✓	1192		200	200.27			✓	✓		✓	✓	✓		✓			
3	33 ✓	1193		150	150.52			✓	✓		✓	✓	✓		✓			
4	34 ✓	1194		100	100.39			✓	✓		✓	✓	✓		✓			
5	35 ✓	1195		75	75.17			✓	✓		✓	✓	✓		✓			
6	36 ✓	1196		50	50.24			✓	✓		✓	✓	✓	✓	✓			
7	37 ✓	1197		30	30.01			✓	✓		✓	✓	✓	✓	✓			
8	38	1198		20	20.23			Niskin did not trip - wrong hook										
9	39 ✓	1200		10	9.77			✓	✓		✓	✓	✓	✓	✓			
10	40 ✓	1201		0	1.45			✓	✓		✓	✓	✓	✓	✓			
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ENTERED BY:

CHECKED BY:

Bottom Depth:

304

Cast # down:

11

Cast # up:

12

Time

LOC

UTC

Begin:

00 09 55

Bottom:

00 18 44

End:

00 28 32

START POSITION (GPS)

LAT: 48 33 77 N

LONG: 123 13 34 W

BOTTOM POSITION (GPS)

LAT: 48 33 74

LONG: 123 13 38

END POSITION (GPS)

LAT: 48 33 61

LONG: 123 28 44

Comments:

Rosette Log

CRUISE ID:

9701

UTC DATE y/m/d:

97 01 30

SHIP: Vector

STATION NAME:

Stuart

CAST NO.:

141

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	DO	Serial #	°C / dbar
1	41 ✓	1191		310	310.			/	/		/	/	/		/			
2	42 ✓	1192		200	200.08			/	/		/	/	/		/			
3	43 ✓	1193		150	146.59			/	/		/	/	/		/			
4	44 ✓	1194		100	102.43			/	/		/	/	/		/			
5	45 ✓	1195		75	75.99			/	/		/	/	/		/			
6	46 ✓	1196		50	49.95			/	/		/	/	/		/			
7	47 ✓	1197		30	30.28			/	/		/	/	/		/			
8	48 ✓	1198		20	20.08			/	/		/	/	/			bubble on O ₂ flask		
9	49 ✓	1200		10	9.98			/	/		/	/	/		/			
10	50 ✓	1201		0	1.4			/	/		/	/	/		/			
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ENTERED BY:

CHECKED BY:

Bottom Depth:

335

Cast # down:

13

Cast # up:

14

Time LOC UTC

Begin: 0952 1752

Bottom: 1759

End: 1812

START POSITION (GPS)

LAT: 48 40 87

LONG: 123 15 16

BOTTOM POSITION (GPS)

LAT: 48 40 87

LONG: 123 15 11

END POSITION (GPS)

LAT: 48 40 70

LONG: 123 15 00

Comments:

Rosette Log

CRUISE ID:

9701

UTC DATE y/m/d:

970130

SHIP:

Vector

STATION NAME:

SILL

CAST NO.:

16

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	DOC	Serial #	°C / dbar
1	51 ✓	1202		120	120.19			/	/		/	/	/		/			
2	52 ✓	1203		100	100.77			/	/		/	/	/		/			
3	53 ✓	1204		75	74.54			/	/		/	/	/		/			
4	54 ✓	1206		50	50.18			/	/		/	/	/	/	/			
5	55 ✓	1208		30	30.13			/	/		/	/	/	/	/			
6	56 ✓	1209		20	19.83			/	/		/	/	/	/	/			
7	57 ✓	1210		10	9.78			/	/		/	/	/	/	/			
8	58 ✓	1211		0	1.57			/	/		/	/	/	/	/			
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ENTERED BY:

CHECKED BY:

Bottom Depth:

122

Cast # down:

15

Cast # up:

16

Time LOC UTC

Begin: 1305 2105

Bottom: 2109

End: 2116

START POSITION (GPS)

LAT: 48 15 55 N

LONG: 123 10 34 W

BOTTOM POSITION (GPS)

LAT: 48 15 47

LONG: 123 10 46

END POSITION (GPS)

LAT: 48 10 46

LONG: 123 15 67

Comments:

Rosette Log

CRUISE ID: 9701
STATION NAME: Juan de FucaUTC DATE y/m/d: 97 01 30
CAST NO.: 1178SHIP: Vektor

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
1	59✓	1191		148	148.73			/	/		/	/	/		/			
2	60✓	1192		100	99.63			/	/		/	/	/		/			
3	61✓	1193		75	75.05			/	/		/	/	/		/			
4	62✓	1194		50	49.52			/	/		/	/	/		/			
5	63✓	1195		30	30.42			/	/		/	/	/		/			
6	64✓	1196		20	20.26			/	/		/	/	/		/			
7	65✓	1197		10	10.21			/	/		/	/	/		/			
8	610✓	1198		0	1.4			/	/		/	/	/		/			
9																		
10																		
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22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 156Cast # down: 17Cast # up: 18

Time	LOC	UTC
Begin:	1408	2211
Bottom:		2215
End:	1423	2223

START POSITION (GPS)		
LAT:	48 15	93
LONG:	123 25	10

BOTTOM POSITION (GPS)		
LAT:	48 15	96
LONG:	123 25	21

END POSITION (GPS)		
LAT:	48 15	89
LONG:	123 25	39

Comments: