

Rosette Log

CRUISE ID: 9614
STATION NAME: Swanson

UTC DATE y/m/d: 6/8/96
CAST NO.: 1

SHIP: Vector

Therm 5
N/S

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	2018	8.8	125	125	✓ 32.004		✓			✓	✓	✓		✓		140.26	
2	2	2017	9.0	100	101	✓ 31.801		✓			✓	✓	✓		✓		143.93	
3	3	2015	9.3	75	75	✓ 31.528		✓			✓	✓	✓		✓		148.19	
4	4	2014	9.7	50	50	✓ 31.052		✓			✓	✓	✓		✓			
5	5	2012	10.4	30	30	✓ 30.172		✓			✓	✓	✓		✓		170.07	
6	6	2010	10.7	20	20	✓ 29.777		✓			✓	✓	✓		✓		171.09	
7	7	2009	11.0	10	10	✓ 29.493		✓			✓	✓	✓		✓		173.86	
8	8	2008	12.4	0	1	✓ 28.168		✓			✓	✓	✓		✓		202.38	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 167 m - 160m

Cast # down: 1 (to 150m)
Cast # up:

Time LOC PDT UTC
Begin: 1145
Bottom: 1150
End: 1158

START POSITION (GPS)
LAT: 48 44.28
LONG: 123 17.36

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: - Bottle 4 did not fully close
- Temp's for O₂ taken from header file

BM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

6/ Aug/96

SHIP:

Vector

STATION NAME:

Stuart

CAST NO.:

2

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
								OXY		Cl3		NUT		CHL		300		
1	1	2043	8.4	310	309	32.428		✓				✓	✓	✓	✓		15555	16.2 9.01
2	2	2049	9.0	200	199	31.900		✓				✓	✓	✓	✓		6239	16.0 9.01
3	3	2038	9.2	150	151	31.648		✓				✓	✓	✓	✓		6067	15.9 8.97
4	4	2036	9.3	100	102	31.496		✓				✓	✓	✓	✓			
5	5	2035	9.4	75	75	31.429		✓				✓	✓	✓	✓			
6	6	2033	10.1	50	50	30.632		✓				✓	✓	✓	✓			
7	7	2032	10.5	30	30	30.168		✓				✓	✓	✓	✓			
8	8	2027	11.1	20	20	29.573		✓				✓	✓	✓	✓			
9	9	2025	11.2	10	10	29.440		—				—	—	✓	—		chl only	
10	10	2019	12.5	0	0	28.103		✓				✓	✓	✓	✓			
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments: - Bottle 9 hung up - repeated (no new file)

ENTERED BY:

CHECKED BY:

Bottom Depth: 325 m

Cast # down: 2

Cast # up:

Time ^{PDT} (LOC) UTC

Begin: 1231

Bottom: 1239

End: 1249

START POSITION (GPS)

LAT: 48 40.92

LONG: 122 15 38

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

0.2 m/s

126.58

141.83

146.78

149.1

152.00

166.34

176.72

183.97

203.31

B/M

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

6 Aug 96

SHIP:

Vector

STATION NAME:

Haro

CAST NO.:

3

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
								OXY		C13		NUT		CHL		Don		
1	1	1247	8.4	275	275	32.489		✓				✓	✓	✓		✓	128.39	
2	2	1246	8.8	200	200	32.022		✓				✓	✓	✓		✓	138.36	
3	3	1245	9.0	150	150	31.828		✓				✓	✓	✓		✓	141.97	
4	4	1244	9.6	100	100	31.203		✓				✓	✓	✓		✓		
5	5	1243	9.9	75	75	30.960		✓				✓	✓	✓		✓	167.59	
6	6	1242	10.3	50	49	30.583		✓				✓	✓	✓		✓	168.31	
7	7	1241	10.8	30	30	29.967		✓				✓	✓	✓		✓	178.87	
8	8	1240	10.9	20	20	29.872		✓				✓	✓	✓		✓	187.6	
9	9	1239	10.9	10	10	29.816		✓				✓	✓	✓		✓	183.59	
10	10	1238	11.2	0	0	29.613		✓				✓	✓	✓		✓	194.83	
11																		
12																	15555	15.4 8.59
13																	6239	15.1 8.60
14																	6067	15.3 8.65
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 289

Cast # down: 3

Cast # up:

Time ^{PDT} (LOC) UTC

Begin: 1426

Bottom:

End: 1443

START POSITION (GPS)

LAT: 48 33.78

LONG: 123 13.38

BOTTOM POSITION (GPS)

LAT: 4

LONG:

END POSITION (GPS)

LAT: 48 33.74

LONG: 123 13.32

Comments:

R/M

Rosette Log

CRUISE ID: 9614
STATION NAME: S111UTC DATE y/m/d: 6 Aug 96
CAST NO.: 4SHIP: 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	1261	8.3	265	265	32.512		✓				✓					125.19	
2	2	1262	8.6	200	200	32.273		✓				✓					134.65	
3	3	1258	8.9	150	150	31.937		✓				✓					142.00	
4	4	1257	9.1	100	100	31.762		✓				✓					145.92	
5	5	1256	9.4	75	75	31.484		✓				✓					153.58	
6	6	1252	9.6	50	50	31.366		✓				✓					157.26	
7	7	1248	9.8	30	30	31.174		✓				✓					161.84	
8	8	1253	9.8	20	20	31.165		✓				✓					163.74	
9	9	1254	9.8	10	10	31.144		✓				✓					164.42	
10	10	1255	10.2	0	0	30.998		✓				✓					177.28	
11																		
12																	15555	12.2 8.36
13																	6239	12.7 8.36
14																	6067	13.0 8.32
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 275Cast # down: 4

Cast # up:

Time PDT LOC UTCBegin: 1520

Bottom:

End: 1541

START POSITION (GPS)

LAT: 48 28.71LONG: 123 8.80

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 28.57LONG: 123 8.84

BM

Rosette Log

CRUISE ID: 9614
STATION NAME: HeinUTC DATE y/m/d: 6/8/96
CAST NO.: 5SHIP: 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	CI3	ALK	NUT	SAL	CHL	POC		Serial #	°C / dbar
1	1	1244	7.7	145	145	33.102		✓				✓	✓	✓	✓		110.42	
2	2	1260	7.8	125	125	32.984		✓				✓	✓	✓	✓		117.01	
3	3	1264	8.4	100	100	32.443		✓				✓	✓	✓	✓		125.67	
4	4	1265	9.1	75	75	31.784		✓				✓	✓	✓	✓		145.47	
5	5	1266	9.7	50	50	31.280		✓				✓	✓	✓	✓		158.23	
6	6	1268	10.0	30	30	31.004		✓				✓	✓	✓	✓		167.09	
7	7	2000	10.2	20	20	30.848		✓				✓	✓	✓	✓		171.86	
8	8	2001	10.3	10	10	30.789		✓				✓	✓	✓	✓		176.53	
9	9	2002	10.4	0	0	30.600		✓				✓	✓	✓	✓		174.92	
10																		
11																	15555	13.9 7.90
12																	6239	20 7.99
13																	6067	20.3 7.10
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 148Cast # down: 5

Cast # up:

Time LOC RDT UTCBegin: 1625

Bottom:

End: 1638START POSITION (GPS)
LAT: 48 22.73
LONG: 123 2.64BOTTOM POSITION (GPS)
LAT:
LONG:END POSITION (GPS)
LAT: 48 22.74
LONG: 123 2.77

Comments:

BM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

9/6/06

SHIP:

Vector

STATION NAME:

S11

CAST NO.:

6

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
								OXY		CI3		NUT		CHL		DOM		
1	1	2004	7.4	125	125	33.355		✓				✓	✓	✓		✓	15555	13.9
2	2	2007	7.9	100	100	32.856		✓				✓	✓	✓		✓	6239	13.6
3	3	1197	8.6	75	75	32.260		✓				✓	✓	✓		✓	16067	13.7
4	4	1198	9.2	50	50	31.804		✓				✓	✓	✓		✓		147.64
5	5	1200	10.3	30	30	30.859		✓				✓	✓	✓		✓		176.59
6	6	1201	10.7	20	20	30.664		✓				✓	✓	✓		✓		189.96
7	7	1202	10.8	10	10	30.644		✓				✓	✓	✓		✓		192.55
8	8	1203	11.5	0	0	30.470		✓				✓	✓	✓		✓		200.51
9																		
10																		
11																		
12																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 130 m

Cast # down: 6

Cast # up:

Time (LOC) UTC

Begin: 1753

Bottom:

End: 1804

START POSITION (GPS)

LAT: 48 15.68

LONG: 123 10.13

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 15.67

LONG: 123 10.10

Comments:

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/6

SHIP:

Vector

STATION NAME:

Juan de Fuca

CAST NO.:

7

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	2027	6.8	150	150	33.806		✓				✓	✓	✓	✓		82.30	
2	2	2019	6.8	125	125	33.807		✓				✓	✓	✓	✓		83.64	
3	3	2018	6.8	100	100	33.752		✓				✓	✓	✓	✓		85.05	
4	4	2017	7.0	75	75	33.659		✓				✓	✓	✓	✓		89.10	
5	5	2015	8.3	50	50	32.579		✓				✓	✓	✓	✓		127.96	
6	6	2012	9.7	30	30	31.362		✓				✓	✓	✓	✓		159.33	
7	7	2010	10.1	20	20	31.098		✓				✓	✓	✓	✓		170.42	
8	8	2009	10.2	10	10	31.022		✓				✓	✓	✓	✓		184.21	
9	9	2008	10.4	0	0	30.837		✓				✓	✓	✓	✓		190.25	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 154

Cast # down: 7

Cast # up:

Time ^{ADT} LOO UTC

Begin: 1902

Bottom:

End:

START POSITION (GPS)

LAT: 48 15.99

LONG: 123 25.08

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 16.12

LONG: 123 24.86

Comments:

BM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

E1

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				Serial #	°C / dbar
1																				
2																				
3																				
4																				
5																				
6																				
7																				
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9																				
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19																				
20																				
21																				
22																				
23																				

ENTERED BY:

CHECKED BY:

Bottom Depth: 116

Cast # down: 8

Cast # up:

Time ^{ADT} LOC UTC

Begin: 0252

Bottom:

End: 0258

START POSITION (GPS)

LAT: 48 31.77

LONG: 125 4.03

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 31.86

LONG: 125 4.15

Comments:

+ Plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: C2

UTC DATE y/m/d: 96/8/7
CAST NO.: 9

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
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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15																		
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17																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 141

Cast # down: 8
Cast # up:

Time (LOC) UTC
Begin: 0404
Bottom: 04
End: 0413

START POSITION (GPS)
LAT: 48 25.25
LONG: 125 8.17

BOTTOM POSITION (GPS)
LAT: 48 25.19
LONG: 125 8.24

END POSITION (GPS)
LAT: 48 25.19
LONG: 125 8.24

Comments:

+ Plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: C1

UTC DATE y/m/d: 96/8/7
CAST NO.: 10

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
1	1				150							✓					15555	10.6 6.49
2																	6239	10.7 6.49
3																	6067	10.9 6.44
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 150

Cast # down: 10
Cast # up:

Time ^{PJT} LOC UTC
Begin: 0509
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: calibration sal & temps.
+ location

Rosette Log

CRUISE ID: 9614
STATION NAME: C3

UTC DATE y/m/d: 96/8/7
CAST NO.: 11

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		
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			

ENTERED BY:
CHECKED BY:

Bottom Depth: 121

Cast # down: 11

Cast # up:

Time PDT LOC UTC
Begin: 0609
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: + plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: A2

UTC DATE y/m/d: 96/8/7
CAST NO.: 12

SHIP:

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																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
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20																			
21																			
22																			
23																			

ENTERED BY:
CHECKED BY:

Bottom Depth: 358

Cast # down: 12

Cast # up:

Time (07) LOC UTC

Begin: 0902

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

+ Plankton

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

STATION NAME:

A4 LC12

CAST NO.:

13

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	1206	5.0	500	501	34.120		✓			✓						3047	
2	2	1208	6.6	250	250	33.943		✓			✓						106.38	
3	3	1209	7.7	150	149	33.812		✓			✓						112.74	
4	4	1210	8.3	100	100	33.541		✓			✓						145.5	
5	5	1211	8.6	75	76	33.125		✓			✓						187.94	
6	6	1213	9.3	50	51	32.553		✓			✓		✓				250.26	
7	7	1214	10.5	30	30	32.404		✓			✓		✓				266.09	
8	8	1216	12.5	20	19	31.955		✓			✓		✓				277.97	
9	9	1217	13.4	10	10	31.938		✓			✓		✓				291.27	
10	10	1218	13.6	0	0	31.945		✓			✓		✓				292.42	
11																	15555	16.0 5.23
12																	6239	16.0 5.27
13																	6067	16.0 5.20
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: deep

Cast # down: 13

Cast # up:

Time ^{PDT} (LOC) UTC

Begin: 1151

Bottom: 1202

End: 1214

START POSITION (GPS)

LAT: 48 14.97

LONG: 126 40.11

BOTTOM POSITION (GPS)

LAT: 48 14.95

LONG: 126 40.13

END POSITION (GPS)

LAT: 48 14.86

LONG: 126 40.22

Comments:

+ Plankton

BM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

LC11

CAST NO.:

14

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		1219	5.1	500	501	34.104		✓				✓	✓				33.96	
2	BUBBLE	1221	6.7	250	250	33.955		✓				✓					129.78	
3		1222	7.8	150	151	33.797		✓				✓					121.84	
4		1223	8.1	100	100	33.330		✓				✓					162.06	
5		1224	8.6	75	75	32.808		✓				✓					225.41	
6	BUBBLE	1225	9.4	50	51	32.518		✓				✓		✓			279.24	
7		1226	10.3	30	30	32.387		✓				✓		✓			268.07	
8		1228	10.7	20	21	32.360		✓				✓		✓			266.44	
9	BUBBLE	1229	14.1	10	10	32.105		✓				✓		✓			301.23	
10	BUBBLE	1231	14.3	0	1	32.106		✓				✓		✓			294.98	
11																	15555	24.0 5.50
12																	6239	22.0 5.55
13																	6067	19.9 5.40
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

DRY

CHECKED BY:

Bottom Depth:

1330

Cast # down:

14

Cast # up:

Time

PDT

(LOC)

UTC

Begin:

1331

Bottom:

1342

End:

1355

START POSITION (GPS)

LAT:

48 18 89

LONG:

176 26.83

BOTTOM POSITION (GPS)

LAT:

48 18 90

LONG:

176 26.93

END POSITION (GPS)

LAT:

48 18 87

LONG:

176 26.99

Comments:

BM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

DC10

CAST NO.:

15

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		O ₂ [μmol/kg] Serial #	°C / dbar
1	15-1	1233	5.0	500	500	34.107		✓				✓	✓				33.46	
2	15-2	1234	6.5	250	250	33.976		✓				✓					89.92	
3	15-3	1235	4.4	150	150	33.806		✓				✓					119.22	
4	15-4	1237	8.0	100	100	33.337		✓				✓					160.25	
5	15-5	1239	8.5	75	75	32.843		✓				✓					214.14	
6	15-6	1246	9.4	50	51	32.519		✓				✓					259.53	
7	15-7	1243	11.4	30	30	32.060		✓				✓					274.55	
8	15-8	1242	12.0	20	20	32.118		✓				✓					288.89	
9	15-9	1241	12.3	10	10	32.177		✓				✓					310.94	
10	15-10	1240	13.5	0	0	32.044		✓				✓					313.06	
11																	15555	18.2 5.31
12																	6239	17.7 5.36
13																	6067	17.0 5.26
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

DRY

CHECKED BY:

Bottom Depth: 1239

Cast # down: 15

Cast # up:

Time (LOC) UTC

Begin: 1438

Bottom: 1448

End: 1500

START POSITION (GPS)

LAT: 48 22.42

LONG: 126 20.33

BOTTOM POSITION (GPS)

LAT: 48 22.40

LONG: 126 20.32

END POSITION (GPS)

LAT: 48 22.38

LONG: 126 20.29

Comments:

- large chl signal 10-30 m, peak (30 μg/L) @ 10 m

BIM

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

A3 (LC09)

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		O ₂ [μ mol/kg] Serial #	°C / dbar
1	16-1	1238	5.1	500	500	34.099		✓				✓					36.38	
2	16-2	1244	6.4	250	249	33.977		✓				✓					89.68	
3	16-3	1247	7.2	150	150	33.848		✓				✓					113.42	
4	16-4	1248	7.9	100	100	33.504		✓				✓						
5	16-5	1252	8.4	75	74	32.928		✓				✓					207.81	
6	16-6	1253	8.9	50	51	32.605		✓				✓		✓			248.87	
7	16-7	1254	10.4	30	31	32.411		✓				✓		✓			259.52	
8	16-8	1255	11.7	20	20	32.270		✓				✓		✓			270.23	
9	16-9	1256	12.6	10	10	32.182		✓				✓		✓			308.65	
10	16-10	1257	13.6	0	0	32.059		✓				✓		✓			312.93	
11																	15555	16.5 5.40
12																	6239	16.3 5.42
13																	6067	16.5 5.36
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 900

Cast # down: 16

Cast # up:

Time (LOC) UTC

Begin: 1530

Bottom: 1543

End: 1556

START POSITION (GPS)

LAT: 48 24.66

LONG: 126 15.88

BOTTOM POSITION (GPS)

LAT: 48 24.68

LONG: 126 15.90

END POSITION (GPS)

LAT: 48 24.69

LONG: 126 15.85

Comments:

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

A1(LC08)

CAST NO.:

17

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																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			

ENTERED BY:

CHECKED BY:

Bottom Depth: 200

Cast # down: 17

Cast # up:

Time ^{ADT} LOC UTC

Begin: 1718

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

+ Plankton

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/7

SHIP:

Vector

STATION NAME:

LC07

CAST NO.:

18

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	18-1	1258	6.5	125	124	33.914		✓				✓	✓				103.53	
2	18-2	1260	7.2	100	101	33.749		✓				✓					118.17	
3	18-3	1261	7.5	75	75	33.542		✓				✓					144.98	
4	18-4	1262	8.1	50	50	33.158		✓				✓		✓			175.41	
5	18-5	1264	8.7	30	30	32.809		✓				✓		✓			198.49	
6	18-6	1265	9.2	20	20	32.561		✓				✓		✓			245.63	
7	18-7	1266	13.2	10	10	31.479		✓				✓		✓			288.08	
8	18-8	1268	13.6	0	0	31.076		✓				✓		✓			288.30	
9																	15555	15.5 6.74
10																	6239	15.7 6.76
11																	6067	—
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 131

Cast # down: 18

Cast # up:

Time ^{PDT} (LOC) UTC

Begin: 1825

Bottom: 1830

End: 1835

START POSITION (GPS)

LAT: 48 32.92

LONG: 126 0.53

BOTTOM POSITION (GPS)

LAT: 48 32.86

LONG: 126 0.54

END POSITION (GPS)

LAT: 48 32.75

LONG: 126 0.50

Comments:

B/M

Rosette Log

CRUISE ID: 9614
STATION NAME: B6 (LC06)

UTC DATE y/m/d: 96/8/7
CAST NO.: 12

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																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 93 m

Cast # down: 19

Cast # up:

Time ^{ADT} LOC UTC
Begin: 1912
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: + Plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: B5 (LC05)

UTC DATE y/m/d: 96/8/7
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		TCO		ALK		SAL		POC		O ₂ [μmol/kg] Serial #	°C / dbar
1	20-1	2000	7.6	90	68	33.275		✓			✓	✓					102.53	
2	20-2	2001	8.0	75	51	33.112		✓			✓		✓				120.49	
3	20-3	2002	8.6	50	30	32.525		✓			✓		✓				146.03	
4	20-4	2004	9.4	30	20	32.298		✓			✓		✓				183.34	
5	20-5	2007	10.9	20	10	31.543		✓			✓		✓				225.38	
6	20-6	2010	11.3	10	2	31.566		✓			✓		✓				308.78	
7	20-7			0				✓			✓		✓					
8																	15355	12.0 7.89
9																	6239	11.9 7.82
10																	6067	—
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 70

Cast # down:
Cast # up:

PDT
Time (LOC) UTC
Begin: 2012
Bottom: 2014
End: 2019

START POSITION (GPS)
LAT: 48 40.59
LONG: 125 46.43

BOTTOM POSITION (GPS)
LAT: 48 40.52
LONG: 125 46.43

END POSITION (GPS)
LAT: 48 40.49
LONG: 125 46.45

Comments: - shallower than anticipated

Bm

Rosette Log

CRUISE ID: 9614
STATION NAME: 37 (LCB4)

UTC DATE y/m/d: 96/8/7
CAST NO.: 21

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																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 79

Cast # down: 21
Cast # up:

PDT
Time (LOC) UTC
Begin: 2130
Bottom:
End: 2135

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: + Plankton

Rosette Log

CRUISE ID:**STATION NAME:**~~UTC~~ DATE y/m/d:

CAST NO.:

SHIP: Vector

[illegible]

ENTERED BY:

CHECKED BY:

Bottom Depth: 136

Cast # down: 22

Cast # up:

Time	<u>LOC</u>	UTC
------	------------	-----

Begin: 2214

Bottom:

End: 2222

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LATE

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

+ Plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: LC04

UTC DATE y/m/d: 96/8/17
CAST NO.: 23

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 #	O ₂ (umol/kg) °C / dbar
1	23-1	1206	7.1	165	162	33.5489	✓				✓	✓						83.62
2	23-2	1208	7.2	150	149	33.5268	✓				✓							87.43
3	23-3	1209	7.3	125	126	33.4846	✓				✓							82.14
4	23-4	1210	7.4	100	101	33.4337	✓				✓							89.67
5	23-5	1211	7.6	75	76	33.2949	✓				✓							103.09
6	23-6	1213	8.1	50	52	33.0067	✓				✓		✓					132.01
7	23-7	1214	9.3	30	31	32.2345	✓				✓		✓					183.37
8	23-8	1216	10.1	20	20	31.8884	✓				✓		✓					102.45
9	23-9	1217	11.8	10	9	31.6738	✓				✓		✓					321.27
10	23-10	1218	12.1	0	0	31.4983	✓				✓		✓					331.82
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 166

Cast # down: 22

Cast # up:

Time PDT LOC UTC

Begin: 2341

Bottom:

End:

START POSITION (GPS)
LAT: 48 43.06
LONG: 125. 41.40

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Bm

Rosette Log

CRUISE ID: 9614
STATION NAME: LC03

UTC DATE y/m/d: 96/8/8
CAST NO.: 24

SHIP: Victor

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		O ₂ [μmol/kg]	Serial # °C / dbar
	1	24-1	1218	7.1	125	126	33.348		✓				✓	✓			87.53	
Bottle	2	24-2	1221	7.4	100	100	33.443		✓				✓				168.18	
	3	24-3	1222	7.8	75	75	33.185		✓				✓				113.28	
	4	24-4	1223	8.0	50	51	32.892		✓				✓		✓		122.59	
	5	24-5	1224	9.0	30	30	32.208		✓				✓		✓		129.65	
	6	24-6	1225	9.7	20	20	31.851		✓				✓		✓		184.64	
	7	24-7	1226	10.1	10	10	31.671		✓				✓		✓		211.26	
	8	24-8	1228	12.3	0	1	31.399		✓				✓		✓		330.55	
	9																	
	10																	
	11																	
	12																	
	13																	
	14																	
	15																	
	16																	
	17																	
	18																	
	19																	
	20																	
	21																	
	22																	
	23																	

ENTERED BY:
CHECKED BY:

Bottom Depth: 133

Cast # down: 24
Cast # up:

Time ^{PDT} (LOC) UTC
Begin: 0037
Bottom:
End: 0047

START POSITION (GPS)
LAT: 48 46.93
LONG: 125 34.32

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Bm

Rosette Log

CRUISE ID:

9614

UTC DATE y/m/d:

96/8/8

SHIP:

Vector

STATION NAME:

LC02

CAST NO.:

25

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
							OXY		C13		NUT		CHL					
1	25-1	1229	7.4	100	101	33.438		✓				✓	✓				97.32	
2	25-2	1231	7.9	75	74	33.121		✓				✓					118.05	
3	25-3	1233	8.2	50	50	32.727		✓				✓	✓				129.63	
4	25-4	1234	9.1	30	31	32.083		✓				✓	✓					
5	25-5	1235	9.4	20	20	31.961		✓				✓	✓				184.39	
6	25-6	1237	10.6	10	10	31.585		✓				✓	✓				255.77	
7	25-7	1239	12.3	0	0	31.259		✓				✓	✓				322.53	
8																		
9																		
10																		
11																		
12																		
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15																		
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18																		
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20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 108

Cast # down: 25

Cast # up:

Time ^{PDT} ^{LOC} UTC

Begin: 0114

Bottom: 0117

End: 0122

START POSITION (GPS)

LAT: 48 48.68

LONG: 125 31.05

BOTTOM POSITION (GPS)

LAT: 48 48.66

LONG: 125 31.12

END POSITION (GPS)

LAT: 48 48.66

LONG: 125 31.14

Comments:

- Sta name in header wrong - says LC03 (forgot to change to LC02)

SM

Rosette Log

CRUISE ID:

9614

STATION NAME:

LC01

UTC DATE y/m/d:

96/8/8

CAST NO.:

26

SHIP:

Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	Trip pressure	Confirmed Salinity	CFC	OXY	TCO	ALK	SAL	POC				Serial #	°C / dbar
1	26-1		7.7	90	90	33.245		✓			✓	✓				195.84	
2	26-2		8.2	75	75	32.788		✓			✓					115.44	
3	26-3		8.4	50	50	32.516		✓			✓	✓				21.15	← ?
4	26-4		8.8	30	30	32.263		✓			✓	✓				93.03	←
5	26-5		9.7	20	20	31.819		✓			✓	✓				192.80	
6	26-6		10.2	10	10	31.592		✓			✓	✓				222.31	
7	26-7		12.0	0	2	31.365		✓			✓	✓				280.17	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	

ENTERED BY:

CHECKED BY:

Bottom Depth:

93

Cast # down:

26

Cast # up:

Time

PDT

LOC

UTC

Begin:

0147

Bottom:

End:

0154

START POSITION (GPS)

LAT: 48 50.42

LONG: 125 27.86

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 50.43

LONG: 125 27.90

Comments:

R/M

Rosette Log

CRUISE ID: 9614
STATION NAME: B3 (1100)

UTC DATE y/m/d: 96/8/8
CAST NO.: 27

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				Serial #	°C / dbar
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
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17																						
18																						
19																						
20																						
21																						
22																						
23																						

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 27
Cast # up:

PDT
Time LOC UTC
Begin: 0244
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: + plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: D1 (LD2)

UTC DATE y/m/d: 96/8/8
CAST NO.: 28

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																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 42

Cast # down: 27
Cast # up:

PDT
Time (LOC) UTC
Begin: 0351
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: 4 Plankton

Rosette Log

CRUISE ID: 9614
STATION NAME: D2(LD4)

UTC DATE y/m/d: 96/8/8
CAST NO.: 29

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
							OXY		Cl3		NUT		CHL					
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
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21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 60

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

+ plankton