

Rosette Log

CRUISE ID:

9612

UTC DATE y/m/d:

21/6/96

SHIP:

STATION NAME:

R96-02 ✓

CAST NO.:

4/5

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		1180	2.6	2122.7		34.601						.285					check	1571
2		1181	2.6	2094.2		34.599												1602
3		1182	2.3	2080.3		34.597												1531
4		1183	2.6	2070.9		34.598												1564
5		1184	2.4	2060.0		34.597												1501
6		1187	2.5	2025.7		34.601												1515
7		1188	2.6	1998.4		34.590												1528
8		1189	2.5	1964.4		34.586												1455
9		1190	2.6	1942.7		34.577												1479
10		1191	2.7	1898.9		34.574												1358
11	Analyzed July 15/96																	
12																		
13	9601 CAST# 2 10+2 depth																	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2100

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 02:40:55

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 56.82

LONG: 129 05 87

END POSITION (GPS)

LAT:

LONG:

Comments:

10+2 depth

Rosette Log

CRUISE ID: 9612
STATION NAME: R96-03 ✓UTC DATE y/m/d: 2/16/96
CAST NO.: 7(5)

SHIP:

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. DepthROSETTE OPERATION
Trip Confirmed Salinity
CFC TCO ALK SAL POC
OXY C13 NUT CHL
Temperature or Pressure
Serial # °C / dbar

1		1214	1.9	2000.4		34.595												1.489
2		1215	1.9	1899.4		34.580												6.476
3		1216	1.9	1875.8		34.573												1.336
4		1217	2.0	1849.3		34.571												1.313
5		1218	2.0	1825.4		34.565												1.322
6		1219	2.0	1800.3		34.563												1.266
7		1220	2.0	1751.0		34.556												1.528
8		1221	2.1	1700.1		34.548												1.158
9		1222	2.1	1650.5		34.536												1.073
10		1223	2.2	1600.4		34.535												0.983
11		Analyzed July 12/96																
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2109.

Cast # down: 6

Cast # up: 7

Time LOC UTC

Begin:

Bottom: 09:06:10

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 56.74

LONG: 129 0615

END POSITION (GPS)

LAT:

LONG:

Comments:

10 + 2 dupl

Rosette Log

CRUISE ID: 96-12
STATION NAME: R96-04 ✓

UTC DATE y/m/d: 22/6/96
CAST NO.: 17.

SHIP:

Niskin No.	Sample No.	OXY. Flask	CTD OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		DO ml/L	°C / dbar
1		1180	1.8	2300.0		34.613											1.688	
2		1181	1.8	2250.0	2252.	34.603											1.663	
3		1182	1.9	2198.6	2200.	34.603											1.609	
4		1183	1.9	2149.0	2151	34.604											1.608	
5		1184	1.9	2099.6	2102	34.596											1.530	
6		1187	1.9	2061.0	2063	34.593											1.526	
7		1188	1.9	2013.2	2018	34.595											1.494	
8		1189	1.9	2012.2	2018	34.593											1.483	
9		1190	1.9	1974.8	1976	34.592											1.468	
10		1191	1.9	1923.7	1926	34.586											1.408	
11		Analyzed July 15/96																
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 12
Cast # up: 16/17

Time LOC UTC
Begin:
Bottom: 09:14:39
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 47 55.92
LONG: 129 09.62

END POSITION (GPS)
LAT:
LONG:

Comments:
10+ 2 dupl.

Rosette Log

CRUISE ID:

96-12

UTC DATE y/m/d:

96/6/22

SHIP:

STATION NAME:

R 96-05 ✓

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		ml/L Serial #	°C / dbar
1		1214	1.9	1932.7		34.585											1.400	
2		1215	1.9	1902.7		34.583											1.424	
3		1216	1.9	1876.3		34.576											1.347	
4		1217	2.0	1851.2		34.572											1.296	
5		1218	2.0	1824.8		34.568											1.289	
6		1219	2.0	1799.7		34.565											1.266	
7		1220	2.0	1751.1		34.556											1.151	
8		1221	2.1	1698.8		34.551											1.093	
9		1222	2.1	1649.8		34.537											0.978	
10		1223	2.2	1600.5		34.532											0.894	
11		Analyzed July 15/96																
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2400.

Cast # down: 18

Cast # up: 19

Time LOC UTC

Begin:

Bottom: 23:29:48

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 55.95

LONG: 129 09.66

END POSITION (GPS)

LAT:

LONG:

Comments:

10 + 2 depl

Rosette Log

CRUISE ID: 96-12
STATION NAME: R96-06 ✓

UTC DATE y/m/d: 96/6/23
CAST NO.: 22

SHIP:

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		m/L Serial #	°C / dbar
1		1180	1.8	2274.0		34.610											1.655	
2		1181	1.9	2200.0		34.607											1.602	
3		1182	1.9	2120.8		34.593											1.508	
4		1183	1.9	2071.6		34.592											1.491	
5		1184	1.9	2021.4		34.592											1.450	
6		1187	1.9	1951.8		34.582											1.412	
7		1188	2.0	1901.3		34.575											1.304	
8		1189	2.0	1849.6		34.566											1.234	
9		1190	2.0	1798.8		34.563											1.173	
10		1191	2.1	1699.3		34.545											0.992	
11	SINGLES TAKEN - PLASTIC																	
12	TRIPLICATE - GLASS																	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2421

Cast # down: 20

Cast # up: 22

Time LOC UTC
Begin:
Bottom: 07:31:16
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 47 55.94
LONG: 129 09 64

END POSITION (GPS)
LAT:
LONG:

Comments:

10 + 2 dupl.

Rosette Log

CRUISE ID: 96-12
STATION NAME: R 96-07 ✓UTC DATE y/m/d: 23/6/96
CAST NO.: 25SHIP:

Niskin No.	Sample No. <i>Temp</i>	OXY. Flask	OXY. Temp. <i>Blank</i>	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	1.9	1247	2.5	2137.8		34.606											1531	
2	2.6	1248	3.3	1298.6		34.456											456	
3	2.9	1249	3.5	1148.9		34.405											320	
4	3.0	1251	3.8	1101.4		34.397											300	
5	3.2	1252	3.9	948.5		34.332											270	
6	3.5	1253	4.3	796.9		34.259											322	
7	3.6	1254	4.5	748.6		34.238											335	
8	4.1	1255	4.7	597.6		34.129											526	
9	4.3	1256	5.2	498.5		34.054											186	
10	12.4	1257	12.3	5.0		32.482											6723	
11																		
12	<i>Reduped July 07/96</i>																	
13																		
14			2.0	1985.2		34.599											667	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: *Bm*CHECKED BY: Bottom Depth: 2100Cast # down: 23Cast # up: 24, 25, 26

Time LOC UTC

Begin:

Bottom: 23'12'08

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 56.70LONG: 129 06.16

END POSITION (GPS)

LAT:

LONG:

Comments:

10 + 2dupl.

Rosette Log

CRUISE ID: 96-12
STATION NAME: R96-10 ✓UTC DATE y/m/d: 96/6/25
CAST NO.: 34 (28)

SHIP:

Niskin No.	CTD Temp 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	1.8	1247	2.9	2252.0		34.607											1730	
2	1.9	1248	3.0	2174.8		34.604											1597	
3	1.9	1249	3.3	2141.2		34.600											1656	
4	1.9	1251	3.5	2102.6		34.589											1532	
5	1.9	1252	3.5	2050.1		34.589											1421	
6	1.9	1253	3.6	2001.0		34.592											1459	
7	1.9	1254	3.5	1968.2		34.584											1416	
8	1.9	1255	3.8	1950.2		34.581											1386	
9	2.0	1256	4.4	1901.7		34.576											1214	
10	2.0	1257	3.7	1801.4		34.558											1185	
11	Analysis July 12/96 J.H.																	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2504.

Cast # down: 33

Cast # up: 34

Time LOC UTC

Begin:

Bottom: 00:58:32

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 52.96

LONG: 129 11.08

END POSITION (GPS)

LAT:

LONG:

Comments:

10 + 2 dupl.

Rosette Log

CRUISE ID:

96-12 *Clear sample extension 8 tubes*

UTC DATE y/m/d:

96/06/26

STATION NAME:

R96-11 ✓

CAST NO.:

41

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	1.8	1247	22	2199.5		34.609												
2	1.8	1248	2.6	2152.4		34.607											1.795	
3	1.8	1249	2.5	2099.8		34.598											1.695	
4	1.8	1251	2.7	2049.2		34.595											1.582	
5	1.9	1252	2.8	2000.0		34.585											1.449	
6	1.9	1253	3.0	1949.6		34.585											1.415	
7	1.9	1254	3.1	1899.4		34.577											1.405	
8	2.0	1255	2.8	1849.6		34.571											1.286	
9	2.0	1256	2.9	1799.7		34.563											1.370	
10	2.1	1257	3.1	1699.4		34.541											1.062	
11	<i>Analyzed July 15/96</i>																	
12																		
13																		
14	R96-13																	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2400

Cast # down: 48
Cast # up: 41

Time LOC UTC
Begin:
Bottom: 04 46 13
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 47 56 99
LONG: 128 54.04

END POSITION (GPS)
LAT:
LONG:

.689
064

Comments: Sample #1 not valid, oxygen titration failure 1026

✓ 10 + 2 dupl

Rosette Log

CRUISE ID: 96-12
STATION NAME: R96-14

UTC DATE y/m/d: 960627
CAST NO.: 45

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
							OXY		C13		NUT		CHL					
1	1.8	1248	2.1	2400.3		34.617											1872	
2	1.8	1249	2.4	2298.5		34.609											1.772	
3	1.8	1251	2.5	2198.8		34.604											1.705	
4	1.9	1252	2.7	2150.7		34.593											1.554	
5	1.9	1253	2.8	2097.7		34.589											1.576	
6	1.9	1254	2.7	2050.0		34.581											1.500	
7	1.9	1255	2.8	1998.8		34.574											1.380	
8	2.0	1256	2.8	1950.2		34.570											1.326	
9	2.0	1257	2.9	1899.8		34.568											1.279	
10	2.1	1258	3.0	1798.9		34.557											1.138	
11																		
12		1247															7.124	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: BM
CHECKED BY:

Bottom Depth: 2742.

Cast # down: 44

Cast # up: 45

Time	LOC	UTC
Begin:		
Bottom:		05:13:40
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 4746.88
LONG: 12919.79

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 96-12
STATION NAME: R 96-15UTC DATE y/m/d: 96/06/27
CAST NO.: 47SHIP:

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	1.8	1180	2.4	2400.6		34.618											1.979		
2	1.8	1181	2.5	2300.1		34.610											1.858		
3	1.8	1182	2.6	2201.1		34.605											1.809		
4	1.8	1183	2.8	2149.2		34.601											1.647		
5	1.9	1184	2.9	2103.5		34.595											1.558		
6	1.9	1187	2.9	2051.3		34.588											0.212	286	
7	1.9	1188	2.8	2000.8		34.581											1.388		
8	1.9	1189	2.8	1951.3		34.575											1.344		
9	2.0	1190	2.9	1901.4		34.570											1.279		
10	2.0	1191	2.9	1800.0		34.553											1.114		
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			

ENTERED BY: CHECKED BY: Bottom Depth: 2566.Cast # down: 46Cast # up: 47

Time LOC UTC

Begin:

Bottom: 09:02:12

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 47 51.95LONG: 129 20 16

END POSITION (GPS)

LAT:

LONG:

Comments: Bath 6 02 .286 + .043 = .329