

Rosette Log

CRUISE ID: 9738
STATION NAME: SI03UTC DATE y/m/d: 6/10/97
CAST NO.: 002SHIP: 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	587	9.4	6st-5	216.9	✓ 31.2150	✓				H ₂ S	✓						0.00
2	2	588	9.4	200	201.0	✓ 31.2089					H ₂ S	✓						0.00
3	3	597	9.3	175	175.9	✓ 31.1844					H ₂ S	✓						0.00
4	4	630	9.3	150	151.6	✓ 31.1535												0.005
5	5	632	9.3	125	126.9	✓ 31.0640												0.215
6	6	638	9.3	100	100.2	✓ 30.9350												0.283
7	7	641	9.6	75	75.3	✓ 30.7412												1.207
8	8	650	10.6	50	50.6	✓ 29.8944												2.812
9	9	657	10.7	30	29.3	✓ 29.5560												2.939
10	10	645	10.7	20	20.0	✓ 29.4333												2.925
11	11	697	11.1	10	10.2	✓ 29.3458												3.124
12	12	707	11.3	5	5.1	✓ 29.0924												3.271
13	13	708	12.5	0	0.5	✓ 29.0257	✓						✓					4.566
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 228Cast # down: 001Cast # up: 002

Time	LOC	UTC
Begin:		
Bottom:		21:18:12
End:		21:31

START POSITION (GPS)	
LAT:	
LONG:	

BOTTOM POSITION (GPS)	
LAT:	48 35 30
LONG:	123 30 20

END POSITION (GPS)	
LAT:	48' 35.250
LONG:	123' 30.233

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: PA1

UTC DATE y/m/d: 7/10/97
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 #	
1	14	1189	13.0	15	16.1	✓ 29.5967	✓											4.126
2	15	1190	13.5	10	10.8	✓ 29.2487	✓											4.047
3	16	1191	13.8	5	5.5	✓ 28.2770	✓											4.240
4	17	1192	13.6	0	0.8	✓ 3.7152	✓											7.277
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 18

Cast # down: 4
Cast # up: 5

Time	LOC	UTC
Begin:		1445
Bottom:		1448
End:		1450

START POSITION (GPS)
LAT: 49° 13 88
LONG: 124° 49 .05

BOTTOM POSITION (GPS)
LAT: 49° 13 .89
LONG: 124° 49 .01

END POSITION (GPS)
LAT: 49° 13 .86
LONG: 124° 49 .01

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: A0

UTC DATE y/m/d: 7/16/97
CAST NO.: 006

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		C13		NUT		CHL					
1	18	1193	9.8	55	55.7	✓	31.2562											1.556
2	19	1194	9.9	50	50.1	✓	31.1774											1.611
3	20	1195	11.9	30	29.7	✓	30.1109											2.400
4	21	1196	12.7	20	20.0	✓	29.6171											3.464
5	22	1197	13.9	10	9.7	✓	29.1908											4.459
6	23	1198	14.2	5	5.4	✓	28.3403											4.644
7	24	1201	13.7	0	0.8	✓	2.3037											7.178
8																		
9																		
10																		
11																		
12																		
13																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 62

Cast # down: 006
Cast # up: 006

Time	LOC	UTC
Begin:		15 17
Bottom:		15
End:		15 25

START POSITION (GPS)
LAT: 49°12' 12"
LONG: 124°49' 05"

BOTTOM POSITION (GPS)
LAT: 49°12'
LONG: 124°4'

END POSITION (GPS)
LAT: 49°12' 06"
LONG: 124°49' 04"

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: A1

UTC DATE y/m/d: 97/10/7
CAST NO.: 8

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 #	02 ml/l °C/dbar
							OXY		C13		NUT		CHL					
1	25	1202	9.2	105	106.5	✓	31.6565											1.634
2	26	1203	9.5	75	75.2	✓	31.3988											1.776
3	27	1206	9.9	50	50.1	✓	31.2306											1.804
4	28	1204	12.3	30	30.5	✓	30.2693											3.670
5	29	1208	13.2	20	20.1	✓	29.9469											4.243
6	30	1209	14.5	10	10.0	✓	29.5011											4.641
7	31	1210	14.5	5	4.9	✓	28.6686											4.839
8	32	1211	13.7	0	0.8	✓	2.0762											6.629
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 115

Cast # down: 007
Cast # up: 008

Time	LOC	UTC
Begin:		15 52
Bottom:		1555
End:		1601

START POSITION (GPS)
LAT: 49°09' 85
LONG: 124°48' 60

BOTTOM POSITION (GPS)
LAT: 49°09' 80
LONG: 124°48' 59

END POSITION (GPS)
LAT: 49°09' 70
LONG: 124°48' 52

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: PA13

UTC DATE y/m/d: 97/10/7
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		TCO		ALK		SAL		POC		Serial #	
1	33	1212	9.1	125	126.7	✓ 31.6863											02 ml/l	1.761
2	34	1213	9.2	100	100.0	✓ 31.6385												1.767
3	35	1214	9.5	75	74.7	✓ 31.4835												1.897
4	36	1215	10.0	50	50.0	✓ 31.2512												2.178
5	37	1216	12.7	30	30.3	✓ 30.3931												3.754
6	38	1217	14.0	20	20.4	✓ 29.9971												4.387
7	39	1218	14.7	10	10.1	✓ 29.4620												4.866
8	40	1219	14.7	5	5.3	✓ 28.5331												4.905
9	41	1220	13.9	0	0.8	✓ 3.5125												6.438
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 135

Cast # down: 9
Cast # up: 10

Time	LOC	UTC
Begin:		16 23
Bottom:		16 27
End:		16 34

START POSITION (GPS)
LAT: 49°07' 65
LONG: 124°48' 48

BOTTOM POSITION (GPS)
LAT: 49°07' 61
LONG: 124°48' 43

END POSITION (GPS)
LAT: 49°07' 58
LONG: 124°48' 43

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: A4UTC DATE y/m/d: 97/10/17
CAST NO.: 12SHIP: VEZTOR

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	42	1032	8.3	275	275.7	✓	32.7682											1.366
2	43	1036	8.3	250	250.2	✓	32.7652											2.741
3	44	1045	8.3	200	200.0	✓	32.7546											1.381
4	45	1062	8.3	175	175.2	✓	32.7268											1.442
5	46	1052	8.3	150	149.8	✓	32.6827											1.519
6	47	1090	8.4	125	125.9	✓	32.6363											1.556
7	48	1103	8.5	100	100.3	✓	32.4936											1.667
8	49	1104	9.7	75	75.1	✓	31.7360											2.210
9	50	1105	11.1	50	49.5	✓	30.9633											3.097
10	51	1106	12.8	30	29.8	✓	30.6887											4.145
11	52	1110	13.4	20	19.9	✓	30.4263											4.381
12	53	1113	14.8	10	10.3	✓	30.0179											4.784
13	54	1114	15.3	5	5.4	✓	29.5891											5.138
14	55	1119	13.3	0	0.6	✓	5.3902											6.613
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EB
CHECKED BY:Bottom Depth: 289Cast # down: 11Cast # up: 12

Time	LOC	UTC
Begin:		17 12
Bottom:		17 18
End:		17 28

START POSITION (GPS)
LAT: 49°02.66
LONG: 124°51.16BOTTOM POSITION (GPS)
LAT: 49°02.60
LONG: 124°51.18END POSITION (GPS)
LAT: 49°02.48
LONG: 124°51.18Comments: (#49 - threated incorrectly in MQ - no did) - OK EB

Rosette Log

CRUISE ID: 9738
STATION NAME: NEW A5UTC DATE y/m/d: 97/10/17
CAST NO.: 15SHIP: 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		CI3		NUT		CHL					
1	56	1126	8.3	300	300.7	✓	32.7695											1.405
2	57	1128	8.3	275	275.0	✓	32.7684											1.357
3	58	1130	8.3	250	250.2	✓	32.7664											1.341
4	59	1132	8.3	200	199.9	✓	32.7513											1.395
5	60	1133	8.3	175	175.1	✓	32.7211											1.486
6	61	1134	8.3	150	150.2	✓	32.6799											1.504
7	62	1135	8.4	125	124.7	✓	32.6324											1.530
8	63	1136	8.5	100	99.9	✓	32.4877											1.584
9	64	1137	9.4	75	75.0	✓	31.8992											2.395
10	65	1138	11.7	50	50.0	✓	31.1311											3.606
11	66	1139	13.4	30	30.0	✓	30.9251											4.440
12	67	1141	13.7	20	20.5	✓	30.6130											4.519
13	68	1142	14.9	10	10.0	✓	29.9458											4.895
14	69	1143	15.3	5	5.4	✓	29.4832											4.892
15	70	1144	13.3	0	0.4	✓	4.9167											6.748
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 309Cast # down: 14Cast # up: 15

Time	LOC	UTC
Begin:		1905
Bottom:		1915
End:		19

START POSITION (GPS)	
LAT:	49° 00' 23
LONG:	124° 52' 64

BOTTOM POSITION (GPS)	
LAT:	49° 00' 22
LONG:	124° 52' 64

END POSITION (GPS)	
LAT:	49° 00' 22
LONG:	124° 52' 70

Comments: # 56 & 57 acidified for < 5 hours before running - 98.

97380017.0xy

Rosette Log

CRUISE ID: 9738
STATION NAME: A6

UTC DATE y/m/d: 97/10/7
CAST NO.: 17

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 #	
1	71	587	8.3	190	191.0	✓	32.7130										1.359	
2	72	588	8.3	175	175.7	✓	32.7063										1.301	
3	73	597	8.4	150	150.1	✓	32.6669										1.359	
4	74	630	8.5	125	125.8	✓	32.6102										1.362	
5	75	632	8.7	100	100.1	✓	32.4604										1.485	
6	76	638	10.0	75	74.8	✓	31.7203										2.579	
7	77	641	12.0	50	50.1	✓	31.3027										4.137	
8	78	650	13.8	30	30.4	✓	31.1717										4.718	
9	79	657	13.9	20	19.9	✓	30.8631										4.739	
10	80	695	14.5	10	9.9	✓	30.1905										4.860	
11	81	697	14.7	5	5.5	✓	30.1242										2. 6.146	
12	82	708	14.5	0	0.5	✓	21.2904										5.243	
13																		
14																		
15																		
16																		
17																		
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20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 198

Cast # down: 16

Cast # up: 17

Time LOC UTC
Begin: 2008
Bottom: 2014
End: 2022

START POSITION (GPS)
LAT: 48° 58' 74
LONG: 124° 57' 86

BOTTOM POSITION (GPS)
LAT: 48° 58' 74
LONG: 124° 57' 91

END POSITION (GPS)
LAT: 48° 58' 70
LONG: 124° 57' 96

Comments: #81 - possibly overtitrated due to rough weather & waves of nausea

97380019.0xy

Rosette Log

CRUISE ID: 9738
STATION NAME: A7UTC DATE y/m/d: 97/10/7
CAST NO.: 19

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 ml/l °C / dbar
1	83	707	8.4	243	243.4	✓	32.6913		137.742	4.186			.215					1.248
2	84	709	8.4	200	199.8	✓	32.6814		140.118	4.114			.215					1.226
3	85	712	8.4	175	174.6	✓	32.6802		139.683	4.127			.212					1.212
4	86	713	8.4	150	149.5	✓	32.6715		143.178	4.025			.216					1.204
5	87	715	8.4	125	125.1	✓	32.6327		140.895	4.091			.191				Note: *	1.040
6	88	716	8.7	100	99.9	✓	32.5076		139.417	4.135			.241				*	1.318
7	89	724	9.9	75	75.1	✓	31.9683		136.362	4.229			.480				*	2.647
8	90	726	12.4	50	50.1	✓	31.3876		139.816	4.123			.693				*	3.832
9	91	727	14.4	30	30.3	✓	31.1918		138.198	4.172			.837				*	4.633
10	92	730	14.2	20	20.3	✓	30.7576		142.440	4.046			.827				*	4.578
11	93	732	14.3	10	10.4	✓	30.6129		140.185	4.112			.854				*	4.728
12	94	734	14.9	5	5.3	✓	30.1658		139.516	4.132			.881				*	4.878
13	95	735	15.2	0	0.6	✓	29.2816		146.401	3.935			.945				*	5.234
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 258

Cast # down: 18

Cast # up: 19

Time	LOC	UTC
Begin:		2057
Bottom:		2103
End:		2113

START POSITION (GPS)	
LAT:	48° 57 05
LONG:	125° 01. 44

BOTTOM POSITION (GPS)	
LAT:	48° 57 06
LONG:	125° 01. 47

END POSITION (GPS)	
LAT:	48° 57 11
LONG:	125° 01. 47

Comments: * #87 - Flask #715 not in data base, used #1200. 90 #726 used #1200 93 #732 used #1200
88 #716 " " 91 #727 " " 94 #734 " "
89 724 " " 92 #730 " " 95 #735 " "

97380021, oxy.

Rosette Log

CRUISE ID: 9738
STATION NAME: A8UTC DATE y/m/d: 97/10/17
CAST NO.: 21SHIP: VEZTOR

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	96		8.4	189	189.0	✓ 32.6601												0.957
2	97		8.4	175	175.4	✓ 32.6592												0.974
3	98		8.4	150	150.7	✓ 32.6453												0.949
4	99		8.4	125	125.7	✓ 32.6129												0.986
5	100		8.7	100	100.7	✓ 32.4343												1.207
6	101		10.0	75	75.9	✓ 31.7044												2.115
7	102		12.2	50	50.7	✓ 30.9972												3.801
8	103		14.6	30	30.8	✓ 31.3480												4.695
9	104		15.1	20	20.9	✓ 31.1278									(O/C)	NOTE*		5.175
10	105	1198	14.2	10	10.6	✓ 30.4306												4.835
11	106	1201	14.5	5	5.8	✓ 30.0662												4.982
12	107	1202	15.2	0	.5	✓ 18.3558												5.230
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 217Cast # down: 20Cast # up: 21

Time	LOC	UTC
Begin:		2146
Bottom:		21:52:08
End:		

START POSITION (GPS)	
LAT:	48° 53' 78
LONG:	125° 03' 04

BOTTOM POSITION (GPS)	
LAT:	48° 53' 75
LONG:	125° 03' 07

END POSITION (GPS)	
LAT:	48° 53
LONG:	125° 03

Comments: * #104 Colorimeter reading was 100% at 0.942 ml dispensed but dosimeter continued to dispense 0.011 ml for a total of 0.953 ml. Hence O₂ value may be too high.

97380023.0xy

Rosette Log

CRUISE ID: 9738
STATION NAME: A9

UTC DATE y/m/d: 97/10/7
CAST NO.: 23

SHIP: VECORE

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	108	1203	8.4	125	141.9	✓ 32.6199												0.722
2	109	1206	8.4	100	124.8	✓ 32.6212												0.742
3	110	1204	8.5	75	100.5	✓ 32.5080												0.807
4	111	1208	10.1	50	75.6	✓ 31.7018												2.227
5	112	1209	13.1	30	51.1	✓ 31.3263												4.238
6	113	1210	15.5	20	30.7	✓ 31.3266												5.321
7	114	1211	15.5	10	20.8	✓ 31.2417												5.397
8	115	1212	15.0	5	10.3	✓ 30.8284												5.240
9	116	1213	15.2	0	5.2	✓ 30.1143												5.040
10	117	1214	15.4		1.7	✓ 27.6835												5.224
11																		
12																		
13																		
14																		
15																		
16																		
17																		
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21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 138

Cast # down: 22

Cast # up: 23

Time	LOC	UTC
Begin:		22 32
Bottom:		22 35
End:		22 42

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 4851.47
LONG: 125 08.24

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

 CRUISE ID: 9738
 STATION NAME: A/2

 UTC DATE y/m/d: 97/10/
 CAST NO.: 25
SHIP: VLCOR

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 #	<i>O₂ ml/l</i> °C/dbar
1	118	1215	9.5	100	92.2	✓ 32.1936												1.988
2	119	1216	10.5	75	75.1	✓ 31.8309												2.517
3	120	1217	13.3	50	49.9	✓ 31.3634												4.471
4	121	1218	14.0	30	29.6	✓ 31.1406												4.724
5	122	1219	14.0	20	20.3	✓ 30.9681												4.765
6	123	1220	14.5	10	10.1	✓ 30.5294												4.936
7	124	1221	15.5	5	5.2	✓ 29.9541												5.205
8	125	1222	15.0	0	7	✓ 22.5250												5.576
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

 ENTERED BY:
 CHECKED BY:
Bottom Depth: 106.Cast # down: 24Cast # up: 25

Time	LOC	UTC
Begin:		
Bottom:		23:50:11
End:		23:55

 START POSITION (GPS)
 LAT:
 LONG:

 BOTTOM POSITION (GPS)
 LAT: 4858.03
 LONG: 125 07.85

 END POSITION (GPS)
 LAT:
 LONG:

Comments:

9738 0027.0xy

Rosette Log

CRUISE ID:

9738

UTC DATE y/m/d:

97/10/08

STATION NAME:

EFF02

CAST NO.:

27

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	126	1145	8.4	200	192.8	✓32.7857												0.049
2	127	1146	8.4	175	175.0	✓32.7780												0.062
3	128	1148	8.5	150	150.3	✓32.7544												0.082
4	129	1150	8.5	125	125.3	✓32.5884												0.757
5	130	1152	8.5	100	100.2	✓32.4953												0.987
6	131	1153	8.6	75	75.3	✓32.3699												1.418
7	132	1154	11.4	50	50.1	✓31.1204												3.954
8	133	1155	12.7	30	30.4	✓30.8683												4.383
9	134	1157	13.3	20	20.3	✓30.6921												4.845
10	135	1158	14.3	10	10.4	✓30.3285												5.124
11	136	1160	15.3	5	5.1	✓29.7827												5.211
12	137	1167	15.5	0	.5	✓24.3218												5.859
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 204.

Cast # down: 26

Cast # up: 27

Time LOC UTC

Begin: 0043

Bottom: 0048

End:

START POSITION (GPS)

LAT: 49 02.67

LONG: 125 09.12

BOTTOM POSITION (GPS)

LAT: 49 02.72

LONG: 125 09.14

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: EFF01UTC DATE y/m/d: 97/10/08
CAST NO.: 29SHIP: 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	138	1168	9.0	120	107.3	✓32.4971												0.000
2	139	1169	9.0	100	100.3	✓32.4933												0.000
3	140	1171	9.0	75	75.1	✓32.4683												0.000
4	141	1173	8.9	50	50.2	✓31.9983												1.713
5	142	1174	12.6	30	30.5	✓30.8654												4.513
6	143	1175	13.2	20	20.6	✓30.6962												4.860
7	144	1176	14.5	10	10.6	✓30.2061												5.321
8	145	1177	15.0	5	5.2	✓29.8872												5.370
9	146	1178	15.2	0	.6	✓23.9353												6.545
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 121.Cast # down: 28Cast # up: 29

Time	LOC	UTC
Begin:		0122
Bottom:		
End:		0132.

START POSITION (GPS)	
LAT:	<u>49 04.16</u>
LONG:	<u>125 09.25</u>

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)	
LAT:	
LONG:	

Comments:

7 m above bottom

Rosette Log

CRUISE ID: 9738
STATION NAME: A13UTC DATE y/m/d: 97/10/08
CAST NO.: 31.

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 #	
1	147	84	9.3	105	97.4	✓ 32.2937		✓										1.529
2	148	97	9.3	100	97.2	✓ 32.2949		1										1.541
3	149	99	10.1	75	75.4	✓ 31.9727												2.518
4	150	207	13.3	50	50.3	✓ 31.5118												4.365
5	151	255	15.6	30	29.7	✓ 31.6577												5.486
6	152	332	15.7	20	19.7	✓ 34.4282											Note *	5.555
7	153	333	15.2	10	9.9	✓ 30.8151											*	5.289
8	154	337	15.9	5	5.2	✓ 30.1938											*	5.346
9	155	364	14.6	0	1.6	✓ 22.2526		✓									*	6.082
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 106

Cast # down: 36

Cast # up: 31

Time	LOC	UTC
Begin:		
Bottom:		03:19:38
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 54.12
LONG: 125 12.92

END POSITION (GPS)
LAT:
LONG:

Comments:

5m above bottom -

* Note #152 → 155 had air bubbles trapped in the notch of the stopper before acidification.

Rosette Log

CRUISE ID: 9738
STATION NAME: Muc 6

UTC DATE y/m/d: 97/10/8
CAST NO.: 33

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	156	1032	8.8	100	104.1	✓ 32.5205												1.182
2	157	1036	9.1	75	76.1	✓ 32.4086												1.458
3	158	1045	10.8	50	51.1	✓ 31.8943												3.341
4	159	1062	14.3	30	30.0	✓ 31.0875												4.678
5	160	1052	15.0	20	20.2	✓ 30.4627												4.930
6	161	1090	15.3	10	10.4	✓ 30.0643												5.021
7	162	1103	15.4	5	5.8	✓ 29.6770												5.129
8	163	1104	14.0	0	0.8	✓ 23.7344												5.689
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 112

Cast # down: 32

Cast # up: 33

Time LOC UTC
Begin:
Bottom: 23 37
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 35.68
LONG: 126 35.81

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: MUC5

UTC DATE y/m/d: 97/10/9
CAST NO.: 35

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 #	
								OXY		C13		NUT		CHL				
1	164	1105	8.7	258.0	✓	32.5313											1.164	
2	165	1106	8.7	200	200.1	✓	32.5280										1.198	
3	166	1110	8.7	175	174.3	✓	32.5269										1.186	
4	167	1113	8.7	150	150.0	✓	32.5217										1.160	
5	168	1114	8.7	125	125.2	✓	32.5130										1.284	
6	169	1119	8.8	100	100.3	✓	32.4881										1.344	
7	170	1122	9.0	75	75.2	✓	32.3534										1.561	
8	171	1126	11.2	50	50.1	✓	31.7362										2.868	
9	172	1128	12.3	30	29.9	✓	31.3106										3.701	
10	173	1130	14.4	20	19.6	✓	30.4830										4.359	
11	174	1132	15.3	10	10.2	✓	29.9629										4.775	
12	175	1133	15.4	5	5.4	✓	29.8402										4.850	
13	176	1134	15.2	0	0.5	✓	28.1968										5.101	
14																		
15																		
16																		
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18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 212 ?

Cast # down: 34
Cast # up: 35

Time	LOC	UTC
Begin:		0037
Bottom:		0043
End:		0054

START POSITION (GPS)
LAT: 49 59.08 N
LONG: 126 28.59 W

BOTTOM POSITION (GPS)
LAT: 49 39.08
LONG: 126 28.59

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: TLU1UTC DATE y/m/d: 97/10/09
CAST NO.: 37SHIP: 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	177	1135	8.4	250	253.3	✓ 32.9852		✓					✓					0.112
2	178	1136	8.4	200	199.7	✓ 32.9242							✓					0.409
3	179	1137	8.4	175	174.7	✓ 32.9004							✓					0.463
4	180	1138	8.5	150	149.9	✓ 32.7343							✓					0.891
5	181	1139	8.6	125	124.9	✓ 32.5809							✓					1.263
6	182	1141	8.7	100	100.1	✓ 32.5141							✓					1.324
7	183	1142	8.9	75	75.2	✓ 32.3847												1.552
8	184	1143	10.7	50	50.1	✓ 31.8509												2.961
9	185	1144	12.6	30	30.2	✓ 31.0185												3.531
10	186	587	14.2	20	20.5	✓ 30.4915												3.859
11	187	588	15.3	10	10.0	✓ 30.0983												4.713
12	188	597	15.5	8	5.0	✓ 29.9505												4.853
13	189	630	13.9	0	0.5	✓ 22.2947		✓										5.168
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 259Cast # down: 36Cast # up: 37

Time LOC UTC

Begin:

Bottom: 0126End: 0135

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 41.67LONG: 126 30 90

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: MUC4UTC DATE y/m/d: 97/10/09
CAST NO.: 39SHIP: 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	190	632	8.2	290	283.4	✓ 33.0246		✓					✓					0.552
2	191	638	8.2	250	249.4	✓ 33.0220		✓					✓					0.556
3	192	641	8.3	200	199.5	✓ 33.0011		✓					✓					0.623
4	193	650	8.3	175	174.8	✓ 32.9622		✓					✓					0.772
5	194	657	8.5	150	151.1	✓ 32.7831		✓					✓					0.977
6	195	697	8.6	125	125.1	✓ 32.5669		✓					✓					1.465
7	196	695	8.8	100	100.7	✓ 32.5042		✓					✓					1.468
8	197	708	9.0	75	75.1	✓ 32.3954		✓										1.548
9	198	707	10.6	50	50.2	✓ 31.8993		✓										2.484
10	199	709	12.8	30	30.3	✓ 31.0442		✓										3.593
11	200	712	13.6	20	20.4	✓ 30.6638		✓										3.988
12	201	713	15.5	10	10.5	✓ 30.0021		✓										4.499
13	202	715	15.6	5	5.3	✓ 29.8586		✓									* 855	4.733
14	203	716	14.5	0	1.6	✓ 23.9279		✓									* 883	4.889
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 290Cast # down: 38Cast # up: 39

Time LOC UTC

Begin:

Bottom: 02:37:46End: 02:42

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 38.34LONG: 126 20.84

END POSITION (GPS)

LAT:

LONG:

Comments:

* not in flask file

Rosette Log

CRUISE ID: 9738
STATION NAME: MUC3

UTC DATE y/m/d: 97/10/09
CAST NO.: 41

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		C13		NUT		CHL							
1	204		8.2	319	345.6	✓	33.0427		✓						✓						.371
2	205		8.2	300	299.9	✓	33.0352								✓						.733
3	206		8.2	250	250.3	✓	33.0194								✓						.681
4	207		8.3	200	200.0	✓	32.9996								✓						.724
5	208		8.3	175	175.2	✓	32.9578								✓						.844
6	209		8.5	150	150.4	✓	32.8215								✓						.929
7	210		8.6	125	125.2	✓	32.5772								✓						1.545
8	211	425	8.7	100	100.1	✓	32.4926								✓						1.600
9	212		8.9	75	75.3	✓	32.3399														1.639
10	213	451	10.7	50	50.1	✓	31.8225														2.458
11	214		12.5	30	30.2	✓	31.0962														3.478
12	215		13.8	20	20.5	✓	30.4239														4.054
13	216		15.2	10	10.3	✓	30.0717														4.506
14	217		15.6	5	5.1	✓	29.7233														4.533
15	218		15.0	0	0.6	✓	26.6007		✓												5.120
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					

ENTERED BY:
CHECKED BY:

Bottom Depth: 357

Cast # down: 40

Cast # up: 41

Time	LOC	UTC
Begin:		
Bottom:		03 38
End:		03 49

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 38.93
LONG: 126 14.51

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: MUC2UTC DATE y/m/d: 97/10/09
CAST NO.: 43SHIP: 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 #	
1	219	509	8.2	365	351.9	✓	33.0438						✓					0.466
2	220	527	8.2	300	300.0	✓	33.0364						✓					0.824
3	221	534	8.2	250	249.3	✓	33.0224						✓					0.886
4	222	535	8.3	200	199.5	✓	33.0036						✓					0.904
5	223	572	8.4	175	175.3	✓	32.9452						✓					0.848
6	224	578	8.5	150	150.4	✓	32.8132						✓					0.923
7	225	1189	8.7	125	125.3	✓	32.5738						✓					1.567
8	226	1190	8.7	100	100.4	✓	32.4905						✓					1.647
9	227	1191	8.8	75	75.5	✓	32.3524											1.676
10	228	1192	9.9	50	50.3	✓	31.6750											2.358
11	229	1193	12.4	30	30.2	✓	31.0012											3.411
12	230	1194	13.6	20	20.3	✓	30.5147											4.069
13	231		15.4	10	10.4	✓	29.9985											4.521
14	232		15.4	5	5.7	✓	29.6959											4.795
15	233		14.8	0	0.6	✓	25.7536											5.092
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 364,Cast # down: 42Cast # up: 43

Time LOC UTC

Begin:

Bottom: 04:30:20End: 0444

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49° 40.23 NLONG: 126° 09.46 W

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: M5/km

UTC DATE y/m/d: 97/10/09
CAST NO.: 45

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 #	02 °C / dbar
1	234	1198	8.5	173	159.4	✓ 32.7800	✓						✓					1774
2	235		8.6	150	149.8	✓ 32.6843	✓						✓					802
3	236		8.7	125	125.1	✓ 32.5417	✓						✓					1264
4	237		8.7	100	100.1	✓ 32.4952	✓						✓					1468
5	238		8.9	75	75.3	✓ 32.3169	✓											1474
6	239		9.6	50	50.1	✓ 31.6535	✓											2222
7	240		11.6	30	30.1	✓ 31.1007	✓											3501
8	241		13.7	20	20.4	✓ 30.3232	✓											3929
9	242		14.9	10	10.3	✓ 29.7976	✓											4274
10	243		15.1	5	5.5	✓ 29.5868	✓											4476
11	244		15.1	0	0.6	✓ 28.1842	✓											4550
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 44
Cast # up: 45

Time	LOC	UTC
Begin:		
Bottom:		0517
End:		0525

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49° 38.92 N
LONG: 126° 05.53 W

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: MUC1

UTC DATE y/m/d: 97/10/09
CAST NO.: 47

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	245		8.8	120	122.0	✓	32.5614	✓					✓					897
2	246		8.8	100	99.9	✓	32.5072	✓					✓					1045
3	247		9.0	75	74.9	✓	32.2673	✓										1209
4	248		9.6	50	50.3	✓	31.5032	✓										2208
5	249		11.7	30	30.6	✓	30.9110	✓										3234
6	250		13.7	20	20.2	✓	30.3184	✓										3904
7	251		14.2	10	10.0	✓	30.1205	✓										4142
8	252		15.0	5	5.0	✓	29.6282	✓										4419
9	253		15.2	0	0.5	✓	28.9505	✓										4843
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 129.

Cast # down: 46

Cast # up: 47

Time LOC UTC
Begin:
Bottom: 0551
End: 0557

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 493745
LONG: 12603.66

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: OUTFALLUTC DATE y/m/d: 97/10/9
CAST NO.: 49SHIP: 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 #	
1	254	1145	8.2	326	326.6	✓	33.0417						✓					0.496
2	255	1146	8.2	300	300.6	✓	33.0349						✓					0.737
3	256	1148	8.2	250	250.2	✓	33.0231						✓					0.883
4	257	1150	8.3	200	199.9	✓	33.0009						✓					0.913
5	258	1152	8.3	175	175.1	✓	32.9571						✓					0.849
6	259	1153	8.5	150	149.6	✓	32.7955						✓					0.822
7	260	1154	8.7	125	125.1	✓	32.5663						✓					1.508
8	261	1155	8.7	100	100.3	✓	32.4868						✓					1.654
9	262	1157	8.8	75	75.0	✓	32.3223											1.646
10	263	1158	9.9	50	49.9	✓	31.4824											2.392
11	264	1160	10.7	40	40.1	✓	31.2861											2.839
12	265	1167	12.6	30	29.9	✓	30.9372											3.522
13	266	1168	13.3	25	25.0	✓	30.6723											4.023
14	267	1169	13.8	20	20.1	✓	30.3322											4.151
15	268	1171	14.2	15	15.1	✓	30.0357											4.143
16	269	1173	~~~~~	10	~~~~~	✓	~~~~~											~~~~~
17	270	1174	15.4	5	5.2	✓	29.4819											4.810
18	271	1175	14.5	0	0.5	✓	25.1114											5.140
19																		
20																		
21																		
22																		
23																		

Comments: #16 Did not tripENTERED BY:
CHECKED BY:Bottom Depth: 307Cast # down: 48Cast # up: 49

Time	LOC	UTC
Begin:		1651
Bottom:		1657
End:		1709

START POSITION (GPS)	
LAT:	49° 40. 14
LONG:	126° 07. 61

BOTTOM POSITION (GPS)	
LAT:	49° 40. 17
LONG:	126° 07. 72

END POSITION (GPS)	
LAT:	49° 40. 14
LONG:	126° 07. 88

Rosette Log

CRUISE ID: 9738
STATION NAME: Q2UTC DATE y/m/d: 9/10/10
CAST NO.: 51SHIP: 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 #	
1	272	1189	9.6	180	208.0	✓32.5739		✓					✓					3.400
2	273	1190	9.7	175	174.9	✓32.5474		1					✓					3.395
3	274	1191	9.7	150	150.2	✓32.5326							✓					3.397
4	275	1192	9.8	125	125.2	✓32.4388							✓					3.122
5	276	1193	9.9	100	100.3	✓32.3454							✓					2.985
6	277	1194	10.3	75	75.2	✓32.2056												3.100
7	278	1195	13.1	50	50.2	✓31.3261												4.609
8	279	1196	13.8	30	30.1	✓31.0058												5.229
9	280	1197	13.8	20	20.2	✓30.8558												5.231
10	281	1198	13.5	10	9.6	✓30.1264												5.184
11	282	1201	12.7	5	5.2	✓28.4383												5.099
12	283	1202	12.2	0	.5	✓27.1958		✓										5.296
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 224.Cast # down: 50Cast # up: 51

Time	LOC	UTC
Begin:		
Bottom:		03:21:14
End:		0329

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 50 28.13
LONG: 127 54.59END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9738

UTC DATE y/m/d:

97/10/10

SHIP:

VECTOR

STATION NAME:

Q3

CAST NO.:

53

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	284	1203	9.4	200	197.9	✓ 32.3986		✓					✓					2.510
2	285	1206	9.5	175	175.2	✓ 32.3932		1					✓					2.463
3	286	1204	9.5	150	149.8	✓ 32.3794							✓					2.539
4	287	1208	9.6	125	124.9	✓ 32.3688							✓					2.574
5	288	1209	9.8	100	100.4	✓ 32.3282							✓					2.720
6	289	1210	10.1	75	75.3	✓ 32.1853												2.899
7	290	1211	11.9	50	50.4	✓ 31.5957												3.744
8	291	1212	13.2	30	30.5	✓ 30.9352												4.589
9	292	1213	13.5	20	20.3	✓ 30.5413												4.728
10	293	1214	13.4	10	10.2	✓ 30.1374												4.673
11	294	1215	12.5	5	5.1	✓ 28.4775												4.651
12	295	1216	12.3	0	.7	✓ 27.8293		✓										5.008
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 206

Cast # down: 52

Cast # up: 53

Time LOC UTC

Begin:

Bottom: 0421

End: 0428

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 50 29.64

LONG: 127 46.35

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 04UTC DATE y/m/d: 97/10/10
CAST NO.: 55SHIP: 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 #	
1	296	1217	9.1	125	110.8	✓ 32.4778		✓					✓				2.494	
2	297	1218	9.5	100	100.2	✓ 32.3554							✓				2.602	
3	298	1219	10.3	75	74.9	✓ 32.0259											2.891	
4	299	1220	12.1	50	50.0	✓ 31.2424											3.716	
5	300	1221	12.9	30	30.5	✓ 30.6161											4.320	
6	301	1222	12.9	20	20.1	✓ 30.0451											4.357	
7	302	84	12.6	10	10.1	✓ 29.4446											4.354	
8	303	97	12.6	5	5.1	✓ 29.3098											4.367	
9	304	99	12.4	0	1.6	✓ 28.9051		✓									4.388	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: BM
CHECKED BY:Bottom Depth: 121Cast # down: 54Cast # up: 35

Time	LOC	UTC
Begin:		0508
Bottom:		0512
End:		0518

START POSITION (GPS)
LAT: 50 31.71
LONG: 127 38.73BOTTOM POSITION (GPS)
LAT: 50 31.72
LONG: 127 38.67END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9738

UTC DATE y/m/d:

97/10/10

SHIP:

VECTOR

STATION NAME:

N22

CAST NO.:

57

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 #	
1	305	207	8.1	150	144.6	✓	33.0463	✓					✓					1.881
2	306	255	8.2	125	124.9	✓	32.9288	✓					✓					2.031
3	307	332	9.3	100	99.9	✓	32.4076	✓					✓					2.492
4	308	333	9.9	75	75.2	✓	32.1820	✓										2.670
5	309	237	11.7	50	50.6	✓	31.4281	✓										3.522
6	310	36A	13.4	30	30.5	✓	30.6245	✓									*	
7	311	376	13.4	20	20.4	✓	30.3595	✓										4.620
8	312	380	13.0	10	10.6	✓	29.9115	✓										4.469
9	313	392	12.6	5	5.3	✓	29.1492	✓										4.398
10	314	394	12.4	0	.7	✓	28.3870	✓										4.686
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments:

#310 + 0.692 ml + 2.540 ml/l
+ 0.142 ml + 0.684 ml/l

692

1125

.817

ENTERED BY:

CHECKED BY:

Bottom Depth: 153

Cast # down: 56

Cast # up: 57

Time LOC UTC

Begin: 0544

Bottom: 0548

End: 0555

START POSITION (GPS)

LAT: 5030.48

LONG: 12735.90

BOTTOM POSITION (GPS)

LAT: 5030.46

LONG: 12735.89

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: 9738
STATION NAME: N18UTC DATE y/m/d: 97/10/10
CAST NO.: 59SHIP: 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 #	<i>O₂ rel</i> °C/dbar
1	315	412	8.1	181	181.4	✓	33.0775						✓					1.723
2	316	418	8.1	175	175.1	✓	33.0740						✓					1.782
3	317	420	8.1	150	150.6	✓	33.0305						✓					2.035
4	318	425	8.4	125	125.8	✓	32.7448						✓					2.349
5	319	443	9.3	100	100.9	✓	32.3567						✓					2.568
6	320	451	9.9	75	75.7	✓	32.1386											2.657
7	321	463	11.3	50	50.5	✓	31.4947											3.250
8	322	467	13.0	30	30.8	✓	30.7239											4.568
9	323	485	13.7	20	20.8	✓	30.5482											4.847
10	324	486	12.9	10	10.9	✓	29.6877											4.473
11	325	496	12.8	5	5.5	✓	29.0789											4.444
12	326	509	12.6	0	.5	✓	28.2537											4.622
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 192Cast # down: 58Cast # up: 59

Time	LOC	UTC
Begin:		0620
Bottom:		06:25:06
End:		06

START POSITION (GPS)	
LAT:	50° 28. 83
LONG:	127° 33. 49

BOTTOM POSITION (GPS)	
LAT:	50° 28. 82
LONG:	127° 33. 44

END POSITION (GPS)	
LAT:	50° 28
LONG:	127° 33,

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 20UTC DATE y/m/d: 97/10/10
CAST NO.: 61SHIP: VELTOR

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	327	527	8.1	184	184.7	✓ 33.0728		✓					✓					1.754
2	328	534	8.1	175	175.0	✓ 33.0626							✓					1.809
3	329	572	8.1	150	150.3	✓ 33.0220							✓					2.033
4	330	535	8.4	125	125.3	✓ 32.7167							✓					2.284
5	331	578	9.4	100	100.4	✓ 32.3505							✓					2.522
6	332	1032	9.8	75	75.3	✓ 32.1811												2.667
7	333	1036	11.2	50	50.2	✓ 31.5028												3.185
8	334	1045	13.4	30	30.3	✓ 30.6303												3.920
9	335	1062	14.1	20	20.5	✓ 30.4389												5.003
10	336	1052	13.0	10	10.3	✓ 29.5356												4.582
11	337	1090	12.6	5	5.5	✓ 28.8043												4.544
12	338	1103	13.0	0	.4	✓ 28.3179		✓										4.624
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 194Cast # down: 60Cast # up: 61

Time	LOC	UTC
Begin:		07 01
Bottom:		07:06:12
End:		07 14

START POSITION (GPS)	
LAT:	50 26.96
LONG:	127 31.55

BOTTOM POSITION (GPS)	
LAT:	50 26.93
LONG:	127 31.56

END POSITION (GPS)	
LAT:	50 26.90
LONG:	127 31.58

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 17UTC DATE y/m/d: 97/10/10
CAST NO.: 63SHIP: 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 #	
1	339	1104	8.1	160	160.2	✓ 33.0428		✓										1.869
2	340	1105	8.3	125	124.9	✓ 32.7724												2.260
3	341	1144	9.2	100	100.4	✓ 32.3268												2.406
4	342	1114	9.7	75	75.4	✓ 32.1380												2.600
5	343	1110	10.9	50	50.5	✓ 31.5598												2.966
6	344	1113	13.4	30	30.3	✓ 30.6288												4.293
7	345	1119	13.8	20	20.6	✓ 30.2969												4.927
8	346	1126	13.1	10	10.5	✓ 29.5104												4.664
9	347	1122	13.0	5	5.5	✓ 28.9518												4.573
10	348	1128	12.7	0	4	✓ 25.7178		✓										4.762
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 172Cast # down: 62Cast # up: 63

Time	LOC	UTC
Begin:		0738
Bottom:		07:43:10
End:		0750

START POSITION (GPS)	
LAT:	50° 25' 69"
LONG:	127° 30' 52"

BOTTOM POSITION (GPS)	
LAT:	50° 25' 73"
LONG:	127° 30' 50"

END POSITION (GPS)	
LAT:	50° 25' 67"
LONG:	127° 30' 49"

Comments: #341 - Check flask # → Should be 1144

Rosette Log

CRUISE ID: 9738
STATION NAME: 14UTC DATE y/m/d: 97/10/10
CAST NO.: 65SHIP: VEZ TZR

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 #	<i>O₂ m/l</i> °C/dbar
1	349	1130	8.4	121	121.7	✓	32.7340		✓				✓					2.028
2	350	1133	8.4	121	121.7	✓	32.7332		1				✓					2.051
3	351	1132	9.0	100	100.3	✓	32.3668						✓					2.311
4	352	1134	9.7	75	75.5	✓	32.0968											2.556
5	353	1135	11.0	50	50.5	✓	31.5010											3.003
6	354	1136	12.8	30	30.2	✓	30.7800											3.928
7	355	1137	14.0	25	25.5	✓	30.5702											4.785
8	356	1138	14.1	20	20.6	✓	30.4270											4.643
9	357	1139	13.6	15	15.5	✓	30.0155											4.859
10	358	1141	13.2	10	10.2	✓	29.6011											4.688
11	359	1142	13.6	5	5.6	✓	29.2103											4.652
12	360	1143	13.3	0	.6	✓	27.9735		✓									4.805
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 133Cast # down: 64Cast # up: 65

Time	LOC	UTC
Begin:		08 19
Bottom:		08:23:16
End:		08 30

START POSITION (GPS)	
LAT:	50° 24 . 35
LONG:	127° 29 . 45

BOTTOM POSITION (GPS)	
LAT:	50° 24 . 30
LONG:	127° 29 . 44

END POSITION (GPS)	
LAT:	50° 24 . 28
LONG:	127° 29 . 42

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 11UTC DATE y/m/d: 97/10/10
CAST NO.: 67SHIP: 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	361	1145	9.6	77	77.6	✓	32.1238		✓									2.337
2	362	1146	9.6	75	75.4	✓	32.0944											2.306
3	363	1148	10.7	50	50.5	✓	31.5862											2.218
4	364	1150	13.2	30	30.5	✓	30.6224											3.619
5	365	1152	13.6	25	25.4	✓	30.5704											4.330
6	366	1153	14.0	20	20.8	✓	30.4618											4.520
7	367	1154	13.8	15	15.3	✓	30.0665											4.746
8	368	1155	13.6	10	10.6	✓	29.6732											4.660
9	369	1157	14.0	5	5.5	✓	29.4326											4.640
10	370	1158	13.8	0	1.5	✓	28.3100		✓									4.718
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 90Cast # down: 66Cast # up: 67

Time	LOC	UTC
Begin:		0900
Bottom:		0903:32
End:		0908

START POSITION (GPS)

LAT: 50°23'69LONG: 127°28'56

BOTTOM POSITION (GPS)

LAT: 50°23'67LONG: 127°28'50

END POSITION (GPS)

LAT: 50°23'69LONG: 127°28'51

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 8

UTC DATE y/m/d: 97/10/10
CAST NO.: 69

SHIP: VET TO R

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 #	
1	371	1160	13.2	30	30.1	✓ 30.6074												4.034
2	372	1167	13.6	25	25.4	✓ 30.5364												4.316
3	373	1168	13.9	20	20.4	✓ 30.3982												4.622
4	374	1169	13.9	15	15.6	✓ 30.1113												4.597
5	375	1173	13.8	10	10.5	✓ 29.6523												4.601
6	376	1171	14.0	5	5.4	✓ 29.3296												4.563
7	377	1174	13.8	0	.7	✓ 28.0828												4.692
8																		
9																		
10																		
11																		
12																		
13																		
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23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 44

Cast # down: 68

Cast # up: 69

Time	LOC	UTC
Begin:		09 39
Bottom:		09 41
End:		09 45

START POSITION (GPS)
LAT: 50 23 00
LONG: 127 27 54

BOTTOM POSITION (GPS)
LAT: 50 22 99
LONG: 127 27 50

END POSITION (GPS)
LAT: 50 22 99
LONG: 127 27 50

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 5UTC DATE y/m/d: 97/10/10
CAST NO.: 71SHIP: 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 #	
1	378	1175	11.1	42	43.0	✓ 31.4115		✓										2.186
2	379	1176	13.0	30	30.2	✓ 30.5940												2.934
3	380	1177	13.6	25	25.6	✓ 30.4671												3.783
4	381	1178	14.0	20	20.6	✓ 30.2498												4.176
5	382	1180	13.9	15	15.6	✓ 29.9235												4.510
6	383	1182	13.9	10	10.6	✓ 29.7049												4.629
7	384	1183	14.1	5	5.6	✓ 29.4084												4.651
8	385	1187	13.8	0	.6	27.2232		✓										4.948
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 55Cast # down: 70Cast # up: 71

Time LOC UTC

Begin: 1015Bottom: 10:17:58End: 10 21

START POSITION (GPS)

LAT: 50° 22.00LONG: 127° 26.61

BOTTOM POSITION (GPS)

LAT: 50° 21.98LONG: 127° 26.58

END POSITION (GPS)

LAT: 50° 21.96LONG: 127° 26.63

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: 2UTC DATE y/m/d: 97/10/10
CAST NO.: 73SHIP: 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 #	
1	386	1189	13.5	26	26.3	✓ 30.4696		✓										4.004
2	387	1190	13.5	25	26.3	✓ 30.4694		1										4.236
3	388	1191	13.9	20	20.4	✓ 30.2982												4.479
4	389	1192	14.1	15	15.5	✓ 29.9814												4.578
5	390	1193	14.0	10	10.5	✓ 29.6665												4.613
6	391	1194	14.1	5	5.6	✓ 29.4409												4.673
7	392	1195	14.0	0	1.5	✓ 28.8676		✓										4.707
8																		
9																		
10																		
11																		
12																		
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16																		
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20																		
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22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 35Cast # down: 72Cast # up: 73

Time	LOC	UTC
Begin:		10 43
Bottom:		10:44:38
End:		10 47

START POSITION (GPS)	
LAT:	50° 21' 01"
LONG:	127° 26' 39"

BOTTOM POSITION (GPS)	
LAT:	50° 20' 98"
LONG:	127° 26' 39"

END POSITION (GPS)	
LAT:	50° 20' 95"
LONG:	127° 26' 42"

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: GIO3

UTC DATE y/m/d: 97/10/11
CAST NO.: 75

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 #	
								✓									02 ml/l	
											✓						0.1 dbar	
1	393	1032	9.2	367	368.1	✓	31.1004										2.566	
2	394	1036	9.2	300	301.0	✓	30.9784										2.650	
3	395	1045	9.2	250	250.3	✓	30.9005										2.727	
4	396	1052	9.4	200	200.4	✓	30.7896										2.815	
5	397	1062	9.4	175	174.9	✓	30.6613										2.939	
6	398	1090	9.6	150	149.9	✓	30.5822										2.975	
7	399	1103	9.8	125	124.9	✓	30.3696										3.043	
8	400	1104	9.8	100	100.0	✓	30.2004										3.064	
9	401	1105	10.1	75	74.9	✓	29.9001										3.223	
10	402	1106	9.6	50	50.1	✓	29.3497										3.446	
11	403	1110	10.1	30	30.0	✓	28.8703										4.008	
12	404	1113	10.2	20	20.1	✓	28.6566										4.747	
13	405	1114	10.7	10	10.1	✓	27.1418										5.362	
14	406	1119	10.7	0	0.8	✓	24.2409										6.005	
15																		
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21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 373

Cast # down: 74
Cast # up: 75

Time	LOC	UTC
Begin:		16 43
Bottom:		1650
End:		1702

START POSITION (GPS)
LAT: 49° 10 31
LONG: 123° 33 47

BOTTOM POSITION (GPS)
LAT: 49° 10 45
LONG: 123° 33 59

END POSITION (GPS)
LAT: 49° 10 58
LONG: 123° 33 67

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: G101UTC DATE y/m/d: 97/10/11
CAST NO.: 77SHIP: VEEDER

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 #	<u>0.2 ml/l</u> °C/dbar
1	407	1122	9.3	155	156.0	✓ 30.8885												2.736
2	408	1126	10.3	125	125.0	✓ 30.3344												3.245
3	409	1128	10.6	100	99.8	✓ 30.0940												3.612
4	410	1130	10.7	75	75.0	✓ 29.9344												3.759
5	411	1132	10.6	50	50.2	✓ 29.7832												3.815
6	412	1133	10.6	30	30.1	✓ 29.3004												4.477
7	413	1134	10.6	20	20.2	✓ 29.1857												4.804
8	414	1135	10.6	10	10.9	✓ 29.1035												4.849
9	415	1136	10.4	0	1.0	✓ 24.5054												5.974
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11																		
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ENTERED BY:
CHECKED BY:Bottom Depth: 165Cast # down: 76Cast # up: 77

Time	LOC	UTC
Begin:		1853
Bottom:		1857
End:		1903

START POSITION (GPS)		
LAT:	48°58	49
LONG:	123°16	55

BOTTOM POSITION (GPS)		
LAT:	48°58	51
LONG:	123°16	59

END POSITION (GPS)		
LAT:	48°58	53
LONG:	123°16	64

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: M101

UTC DATE y/m/d: 97/10/11
CAST NO.: 79

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	416			153		✓							✓					
2	417			125		✓							1					
3	418			100		✓												
4																		
5																		
6																		
7																		
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ENTERED BY:
CHECKED BY:

Bottom Depth: 156

Cast # down: 78
Cast # up: 79

Time LOC UTC
Begin: 1953
Bottom: 1956
End: 2000

START POSITION (GPS)
LAT: 48°52.56
LONG: 123°14.73

BOTTOM POSITION (GPS)
LAT: 48°52.64
LONG: 123°14.77

END POSITION (GPS)
LAT: 48°52.70
LONG: 123°14.82

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: MIO2

UTC DATE y/m/d: 97/10/11
CAST NO.: 81

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	419		135			✓								✓				
2	420		125			✓								✓				
3	421		100			✓								✓				
4																		
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ENTERED BY:
CHECKED BY:

Bottom Depth: 140

Cast # down: 80

Cast # up: 81

Time	LOC	UTC
Begin:		20 19
Bottom:		20 22
End:		20 26

START POSITION (GPS)
LAT: 48°53.91
LONG: 123°12.61

BOTTOM POSITION (GPS)
LAT: 48°53.94
LONG: 123°12.69

END POSITION (GPS)
LAT: 48°53.94
LONG: 123°12.78

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: N104

UTC DATE y/m/d: 97/10/11
CAST NO.: 83

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	422			106														
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
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ENTERED BY:
CHECKED BY:

Bottom Depth: 121

Cast # down: 82
Cast # up: 83

Time	LOC	UTC
Begin:		2051
Bottom:		2053
End:		2055

START POSITION (GPS)
LAT: 48°56.12
LONG: 123°09.58

BOTTOM POSITION (GPS)
LAT: 48°52.10
LONG: 123°09.61

END POSITION (GPS)
LAT: 48°56.10
LONG: 123°09.64

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: SI05

UTC DATE y/m/d: 97/10/11
CAST NO.: 90

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	423			156.1	156.1									✓				
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom: 23:34
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: _____
STATION NAME: _____

UTC DATE y/m/d: _____
CAST NO.: 91

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	424				151.9								✓					
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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23																		

ENTERED BY: _____
CHECKED BY: _____

Bottom Depth: _____

Cast # down: _____

Cast # up: _____

Time	LOC	UTC
Begin:		23 49
Bottom:		23 52
End:		

START POSITION (GPS)
LAT: _____
LONG: _____

BOTTOM POSITION (GPS)
LAT: _____
LONG: _____

END POSITION (GPS)
LAT: _____
LONG: _____

Comments: _____

Rosette Log

CRUISE ID: 9738
STATION NAME: ST02

UTC DATE y/m/d: 97/10/12
CAST NO.: 92

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	425			218	211.3	✓												
2	426			200	200.5	✓												
3	427			175	175.7	✓												
4	428			150	151.2	✓												
5																		
6																		
7																		
8																		
9																		
10																		
11																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 92
Cast # up: 92

Time	LOC	UTC
Begin:		0036
Bottom:		0042
End:		0053

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: D6A

UTC DATE y/m/d: 97/10/12
CAST NO.: 94

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	429			245	217.8	✓												
2	430			200	200.2	✓												
3	431			175	175.9	✓												
4	432			150	150.5	✓												
5																		
6																		
7																		
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23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 239.

Cast # down: 94

Cast # up: 94

Time	LOC	UTC
Begin:		0218
Bottom:		0223
End:		0229

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9738
STATION NAME: D08A

UTC DATE y/m/d: 97/10/12
CAST NO.: 95

SHIP: VECTOR

[illegible]

ENTERED BY:

CHECKED BY: _____

Bottom Depth: 357.

Cast # down: 95

Cast # up: 95

Time	LOC	UTC
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Begin: 0324

Bottom: 0331

End:

START POSITION (GPS)

LAT: _____

LONG:

BOTTOM POSITION (GPS)

LAT: 48 42 21

LONG: 123 15.11

END POSITION (GPS)

LAT: _____

LONG: _____

Comments: