

Rosette Log

CRUISE ID: 9725
STATION NAME: D8A

UTC DATE y/m/d: 97/05/27
CAST NO.: 4

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	FILTR	Serial #	°C / dbar
1	0				331.5											✓		
2	-				1.4											✓		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC
Begin:
Bottom: 17:33
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 42.04
LONG: 123 15.21

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9725

UTC DATE y/m/d:

97/05/27

SHIP:

STATION NAME:

D7A

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	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC	FIL	Serial #	°C / dbar
1	1	1008	8.5	150	160.3	✓ 31.5205	✓				✓							7
2	2	1010	8.7	125	126.1	✓ 31.1648	✓				✓							
3	3	1020	8.8	100	101.4	✓ 30.9275	✓				✓							
4	4	1028	8.9	75	76.3	✓ 30.1991	✓				✓							
5	5	1031	9.1	50	51.9	✓ 30.1420	✓				✓							
6	6	1032	9.2	30	32.4	✓ 30.1209	✓				✓							
7	7	1036	9.2	20	20.5	✓ 30.0786	✓				✓							
8	8	1039	9.2	10	10.6	✓ 29.9451	✓				✓							
9	9	1045	9.2	0	1.4	✓ 29.8932	✓				✓							
10	10	—	9.2	0	1.5	✓ 29.8940										✓		
11																		
12																		
13																		
14																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

166

Cast # down: 5

Cast # up: 6

Time LOC UTC

Begin:

Bottom:

1827

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 43.97

LONG: 123 08.47

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: D6A

UTC DATE y/m/d: 97/05/27
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	FLU	Serial #	°C / dbar
1	11			0	2	✓										✓		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 210

Cast # down: 7
Cast # up: 8

Time LOC UTC
Begin: 19:24
Bottom:
End: 19:30

START POSITION (GPS)
LAT: 48 45 84
LONG: 123 02 53

BOTTOM POSITION (GPS)
LAT: 48 45 82
LONG: 123 02 65

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: NI07UTC DATE y/m/d: 97/05/28
CAST NO.: 10SHIP: ✓

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION			Samples taken										Temperature or Pressure			
					Trip pressure	Confirmed		CFC		TCO		ALK		SAL		POC					
							Salinity														OXY
1	12	1008	8.2	60.3	60	/	29.4764		✓					✓							
2	13	1010	8.3	50.8	50	/	29.3742		✓					✓							
3	14	1020	8.6	30.6	30	/	28.8877		✓					✓							
4	15	1028	8.9	20.8	20	/	28.7172		✓					✓							
5	16	1031	10.6	10.3	10	/	27.2425		✓					✓							
6	17	1032	13.4	1.5	0	/	11.6001		/					/							
7	18	—	13.4	1.5	0	/	12.2765		/					/				✓			
8																					
9																					
10																					
11																					
12																					
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22																					
23																					

ENTERED BY:
CHECKED BY:Bottom Depth: 68Cast # down: 9Cast # up: 10Time LOC UTC
Begin:
Bottom: 0407
End:START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 4922.40
LONG: 123 32.22END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: NI 06UTC DATE y/m/d: 97/05/28
CAST NO.: 12SHIP:

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	FIL	Serial #	°C / dbar
1	19	1036	8.4	150	150.5	✓ 30.5256	✓				✓							
2	20	1039	8.2	125	124.6	✓ 30.2835	✓				✓							
3	21	1045	8.1	160	99.8	✓ 30.0653	✓				✓							
4	22	1047	8.0	75	74.9	✓ 29.8829	✓				✓							
5	23	1052	8.1	50	50.3	✓ 29.6208	✓				✓							
6	24	1054	8.9	30	29.9	✓ 28.8405	✓				✓							
7	25	1056	9.7	20	19.9	✓ 28.3506	✓				✓							
8	26	1062	11.8	10	9.7	✓ 26.0742	✓				✓							
9	27	1065	13.0	0	1.3	✓ 12.3245	✓				✓							
10	28	—	13.0	0	1.3	✓ 12.2347	✓								✓			
11																		
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22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 176Cast # down: 11Cast # up: 12

Time LOC UTC

Begin:

Bottom: 0447

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 21.46LONG: 123 35 02

END POSITION (GPS)

LAT:

LONG:

Comments: Time 04:47:04Lat: 49 21.46 NLon: 123 35.02 WDepth: 176

Rosette Log

CRUISE ID:

9725

UTC DATE y/m/d:

97/05/28

SHIP:

STATION NAME:

NT05

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	29	1068	8.5	250	250.8	✓ 30.8006	✓				✓							
2	30	1079	8.5	200	200.5	✓ 30.7468	✓				✓							
3	31	1084	8.5	175	175.4	✓ 30.6870	✓				✓							
4	32	1090	8.4	150	151.0	✓ 30.6207	✓				✓							
5	33	1092	8.2	125	125.0	✓ 30.3554	✓				✓							
6	34	1096	8.1	100	100.5	✓ 30.1702	✓				✓							
7	35	1100	8.0	75	75.8	✓ 29.7673	✓				✓							
8	36	1103	8.3	50	50.7	✓ 29.3771	✓				✓							
9	37	1104	9.0	30	31.1	✓ 28.9307	✓				✓							
10	38	1105	9.8	20	20.3	✓ 27.9034	✓				✓							
11	39	1106	12.0	10	10.1	✓ 26.0636	✓				✓							
12	40	1109	13.5	0	1.5	✓ 13.3925	✓				✓							
13	41	—	13.3	0	1.5	✓ 14.0699									✓			
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments: Time: 05:40:08 May 28, 1997

Lat: 49 19.71 N

Lon: 123 38.59 W

Depth: 263

ENTERED BY:

CHECKED BY:

Bottom Depth: 266.

Cast # down: 13

Cast # up: 14

Time LOC UTC

Begin:

Bottom: 05:40

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 19.71

LONG: 123 38.59

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID:

9725

UTC DATE y/m/d:

97/05/28

SHIP:

STATION NAME:

N104

CAST NO.:

1615

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	Filt	Serial #	°C / dbar
							OXY		C13		NUT		CHL					
1	42	1119	8.8	270	285.3	✓	30.9316											
2	43	1122	8.6	250	249.9	✓	30.8281											
3	44	1126	8.5	200	201.0	✓	30.6940											
4	45	1128	8.4	175	174.3	✓	30.6018											
5	46	1130	8.3	150	148.8	✓	30.4381											
6	47	1132	8.2	125	125.0	✓	30.2683											
7	48	1133	8.0	100	99.6	✓	30.0595											
8	49	1134	7.9	75	75.2	✓	29.8338											
9	50	1135	8.0	50	50.4	✓	29.4918											
10	51	1136	8.8	30	29.7	✓	29.0238											
11	52	1137	9.1	20	19.8	✓	28.8197											
12	53	1138	10.6	10	9.8	✓	27.2891											
13	54	1139	12.6	0	1.8	✓	16.6431											
14	55		12.6	0	1.8	✓	17.2322								x			
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 298

Cast # down: 15

Cast # up: 16

Time LOC UTC

Begin:

Bottom: 0637

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4918.22

LONG: 12342.51

END POSITION (GPS)

LAT:

LONG:

Comments: Time: 06:36:38

Lat: 4918.22N

Lon: 12342.51W

Depth: 298

Rosette Log

CRUISE ID: 9725
STATION NAME: NFO3UTC DATE y/m/d: 97/05/28
CAST NO.: 1181SHIP: 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		Filt			
1	56	1140	8.7	400	400.3	✓	31.0280											
2	57	1141	8.9	300	299.7	✓	30.9667											
3	58	1142	8.8	250	249.8	✓	30.8897											
4	59	1143	8.6	200	200.1	✓	30.7338											
5	60	1144	8.4	175	174.5	✓	30.5929											
6	61	1145	8.2	150	150.0	✓	30.3681											
7	62	1146	8.1	125	124.1	✓	30.1588											
8	63	1148	8.1	100	100.1	✓	30.0153											
9	64	1150	8.1	75	74.8	✓	29.8486											
10	65	1151	8.1	50	49.6	✓	29.7344											
11	66	1152	8.0	30	30.0	✓	29.4419											
12	67	1153	8.2	20	19.7	✓	29.1528											
13	68	1154	10.0	10	9.9	✓	28.0239											
14	69	1155	11.7	0	1.8	✓	25.4643	↓			↓	↓						
15	70		11.8	0	1.8	✓	24.7380								x			
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 410Cast # down: 17Cast # up: 18

Time LOC UTC

Begin:

Bottom: 0754

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 16.23LONG: 123 46.03

END POSITION (GPS)

LAT:

LONG:

Comments: Time: 07:54:30Lat: 49 16.23 NLong: 123 46.03 WDepth: 410

Rosette Log

CRUISE ID: 9725
STATION NAME: NI02UTC DATE y/m/d: 97/05/28
CAST NO.: 2021SHIP: 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	71	1163	9.0	300	300.1	✓ 31.0330							✓					
2	72	1164	9.0	250	249.5	✓ 30.9719												
3	73	1165	8.7	200	200.2	✓ 30.7506												
4	74	1167	8.4	175	174.5	✓ 30.5628												
5	75	1168	8.2	150	150.3	✓ 30.3763												
6	76	1169	8.1	125	124.8	✓ 30.1314												
7	77	1171	8.1	100	99.9	✓ 29.9999												
8	78	1173	8.1	75	74.7	✓ 29.8673												
9	79	1174	8.0	50	49.8	✓ 29.7073												
10	80	1175	8.1	30	29.6	✓ 29.4006												
11	81	1176	8.6	20	20.4	✓ 29.2250												
12	82	1177	9.0	10	9.3	✓ 28.8573												
13	83	1178	11.2	0	3.5	✓ 27.4945												
14	84	—	10.8	0	3.4	✓ 27.7222									✓			
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 314Cast # down: 20Cast # up: 21Time LOC UTC
Begin:
Bottom: 0856
End:START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 4914.59
LONG: 12348.54END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: N101

UTC DATE y/m/d: 97/05/28
CAST NO.: 23

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		F/LT			
1	85	1180	8.1	125	117.1	✓	30.2403		✓				✓						
2	86	1181	8.1	100	100.4	✓	30.0309		✓				✓						
3	87	1182	8.0	75	74.9	✓	29.7316		✓				✓						
4	88	1183	8.2	50	50.5	✓	29.5503		✓				✓						
5	89	1187	8.5	30	29.7	✓	29.3064		✓				✓						
6	90	1188	8.8	20	19.9	✓	29.0852		✓				✓						
7	91	1189	9.1	10	10.6	✓	28.5794		✓				✓						
8	92	1190	10.8	0	15	✓	27.7510		✓				✓						
9	93	—	11.0	0	15	✓	27.0211									✓			
10																			
11																			
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ENTERED BY:
CHECKED BY:

Bottom Depth: 122

Cast # down: 22
Cast # up: 23

Time LOC UTC
Begin:
Bottom: 0939
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 13.38
LONG: 123 51.30

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: G104

UTC DATE y/m/d: 97/05/28
CAST NO.: 25

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		Flt		
1	94	1191	8.7	400	390.0	✓30.9878							✓					
2	95	1192	8.7	300	300.3	✓30.9404												
3	96	1193	8.6	250	250.0	✓30.8662												
4	97	1194	8.6	200	201.6	✓30.7580												
5	98	1195	8.4	175	175.9	✓30.5573												
6	99	1196	8.1	150	150.7	✓30.3027												
7	100	1197	8.0	125	125.2	✓30.0772												
8	101	1198	8.0	100	100.6	✓29.9644												
9	102	1201	8.0	75	75.9	✓29.6949												
10	103	1202	8.3	50	50.9	✓29.4138												
11	104	1203	8.7	30	30.4	✓29.1700												
12	105	1204	8.8	20	19.8	✓28.9606												
13	106	1206	10.4	10	10.3	✓27.2401												
14	107	1208	12.1	0	1.2	19.6640	~											
15	108	—	12.2	0	1.3	18.9327								x				
16																		
17																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 392

Cast # down: 24
Cast # up: 25

Time LOC UTC
Begin:
Bottom: 1048
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 12.82
LONG: 123 40.35

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: G103UTC DATE y/m/d: 97/05/29
CAST NO.: 27SHIP:

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	109	1008	8.7	350	367.2	✓ 31.0085		✓				✓	✓					
2	110	1010	8.7	300	300.3	✓ 30.9659												
3	111	1020	8.6	250	250.5	✓ 30.8560												
4	112	1028	8.5	200	200.3	✓ 30.6933												
5	113	1031	8.3	175	175.0	✓ 30.5121												
6	114	1032	8.2	150	150.2	✓ 30.3644												
7	115	1036	8.1	125	125.5	✓ 30.1387												
8	116	1039	8.0	100	100.4	✓ 29.8384												
9	117	1045	8.0	75	75.3	✓ 29.6305												
10	118	1047	8.3	50	50.7	✓ 29.3882												
11	119	1052	8.4	30	30.2	✓ 29.0941												
12	120	1054	9.6	20	20.4	✓ 28.2308												
13	121	1056	10.7	10	10.1	✓ 27.1860												
14	122	1062	13.9	0	1.3	✓ 14.1924	✓					✓						
15	123	—	13.4	0	1.4	✓ 16.0714									✓			
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 376Cast # down: 26Cast # up: 27

Time LOC UTC

Begin: Bottom: 0119End: 0133

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 4910.30LONG: 12333.87

END POSITION (GPS)

LAT: LONG: Comments: air vents all open.

Notes 33 instead of 30 33 30

Rosette Log

CRUISE ID: 9725
STATION NAME: VI05

UTC DATE y/m/d: 97/05/29
CAST NO.: 29

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	124	1065	8.7	50	44.6	✓ 29.6926	✓				✓							
2	125	1068	8.8	30	31.0	✓ 29.4595	✓				✓							
3	126	1079	8.8	20	20.6	✓ 29.2986	✓				✓							
4	127	1084	9.4	10	10.9	✓ 27.4584	✓				✓							
5	128	1090	13.7	0	1.8	14.3155	✓				✓							
6	129	—	13.7	0	1.8	13.8806									✓			
7																		
8																		
9																		
10																		
11																		
12																		
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21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 52

Cast # down: 28
Cast # up: 29

Time LOC UTC
Begin:
Bottom: 0311
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 11.46
LONG: 123 17.76

END POSITION (GPS)
LAT:
LONG:

Comments: 100 250 250 185 50 250 162 124 155
7 12 14 11 5 12 9 8 9

Rosette Log

CRUISE ID: 9725
STATION NAME: V104UTC DATE y/m/d: 97/05/29
CAST NO.: 31

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	130	1092	8.5	200	200.6	✓ 30.7328	✓					✓						
2	131	1096	8.5	175	175.2	✓ 30.6544												
3	132	1100	8.3	150	150.7	✓ 30.5430												
4	133	1103	8.4	125	125.6	✓ 30.3150												
5	134	1104	8.4	100	100.4	✓ 30.0358												
6	135	1105	8.2	75	75.6	✓ 29.7756												
7	136	1106	8.1	50	50.2	✓ 29.5476												
8	137	1109	8.6	30	30.2	✓ 29.1122												
9	138	1110	8.9	20	19.9	✓ 28.7733												
10	139	1113	10.0	10	9.5	✓ 27.8109												
11	140	1114	13.0	0	1.1	✓ 16.8627	✓					✓						
12	141	—	12.9	0	1.2	✓ 17.1330									✓			
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 208Cast # down: 30Cast # up: 31

Time LOC UTC

Begin:

Bottom: 0400

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 08.79LONG: 123 23.86

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: VT03UTC DATE y/m/d: 97/05/29
CAST NO.: 33SHIP:

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	142	1119	8.8	350	336.9	✓ 31.0092		✓				✓	✓					
2	143	1122	8.9	300	301.1	✓ 30.9883							✓					
3	144	1126	8.8	250	249.9	✓ 30.9454							✓					
4	145	1128	8.5	200	200.2	✓ 30.7149												
5	146	1130	8.4	175	174.7	✓ 30.5870												
6	147	1132	8.2	150	149.9	✓ 30.3575												
7	148	1133	8.0	125	124.5	✓ 30.1056												
8	149	1134	8.2	100	99.8	✓ 29.9504												
9	150	1135	8.6	75	75.1	✓ 29.7093												
10	151	1136	8.3	50	50.7	✓ 29.4103												
11	152	1137	8.6	30	30.5	✓ 29.1065												
12	153	1138	8.8	20	20.4	✓ 28.9217												
13	154	1139	10.6	10	10.1	26.8656												
14	155	1140	12.6	0	1.3	10.7932	✓					✓	✓					
15	156	—	12.2	0	1.3	8.4400												
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: Bottom Depth: 343Cast # down: 32Cast # up: 33

Time	LOC	UTC
Begin:		<u>0452</u>
Bottom:		<u>0501</u>
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: <u>4906.08</u>
LONG: <u>123 28.99</u>

END POSITION (GPS)
LAT:
LONG:

Comments: ⑧ May have added slightly too much H₂SO₄ - slight ppt. loss?

Rosette Log

CRUISE ID:

9725

UTC DATE y/m/d:

97/05/29

SHIP:

STATION NAME:

VI02

CAST NO.:

35

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	157	1141	8.7	250	229.0	✓ 30.8831		✓				✓						
2	158	1142	8.5	200	201.1	✓ 30.7063												
3	159	1143	8.3	175	175.8	✓ 30.4564												
4	160	1144	8.2	150	150.7	✓ 30.3314												
5	161	1145	8.2	125	125.0	✓ 30.0563												
6	162	1146	8.2	100	99.7	✓ 29.8777												
7	163	1148	8.6	75	75.1	✓ 29.7790												
8	164	1150	8.4	50	50.3	✓ 29.5324												
9	165	1151	8.4	30	30.7	✓ 29.2672												
10	166	1152	9.0	20	20.3	✓ 28.7205												
11	167	1153	9.9	10	10.6	✓ 27.8796												
12	168	1154	11.6	0	1.4	✓ 14.3954	✓				✓							
13	169	—	11.6	0	1.4	✓ 14.8973									✓			
14																		
15																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 238

Cast # down: 34

Cast # up: 35

Time LOC UTC

Begin: 0558

Bottom: 0605

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 04.60

LONG: 123 32.50

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: VIO1UTC DATE y/m/d: 97/05/29
CAST NO.: 37SHIP:

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	170	1155	8.2	100	99.9	✓ 29.9299		✓				✓						
2	171	1157	8.3	75	74.9	✓ 29.8243		✓				✓						
3	172	1158	8.3	50	50.6	✓ 29.6209		✓				✓						
4	173	1160	8.4	30	30.1	✓ 29.4409		✓				✓						
5	174	1163	8.6	20	20.4	✓ 29.2270		✓				✓						
6	175	1164	9.5	10	10.6	✓ 28.6057		✓				✓						
7	176	1165	12.0	0	1.2	✓ 19.0572	✓					✓						
8	177	—	12.2	0	1.3	✓ 16.6979									✓			
9																		
10																		
11																		
12																		
13																		
14																		
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22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 130Cast # down: 36Cast # up: 37

Time LOC UTC

Begin: 0649Bottom: 0653End:

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 4903.07LONG: 12335.47

END POSITION (GPS)

LAT: LONG: Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: G102UTC DATE y/m/d: 97/05/29
CAST NO.: 39SHIP:

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	F/LT	Serial #	°C / dbar
1	178	1167	8.6	250	246.4	✓	30.7792	✓				✓	✓					
2	179	1168	8.5	200	199.8	✓	30.6810											
3	180	1169	8.3	175	175.0	✓	30.5017											
4	181	1171	8.3	150	150.3	✓	30.3266											
5	182	1173	8.4	125	124.4	✓	30.1447											
6	183	1174	8.3	100	100.5	✓	29.9747											
7	184	1175	8.4	75	75.5	✓	29.6947											
8	185	1176	8.7	50	50.9	✓	29.2705											
9	186	1177	9.0	30	31.1	✓	28.9686											
10	187	1178	9.3	20	19.0	✓	28.5529											
11	188	1180	9.8	10	9.4	✓	28.0124											
12	189	1181	10.8	0	1.2	✓	25.1088	✓				✓						
13	190	—	10.9	0	1.2	✓	22.7672								✓			
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: Bottom Depth: 265Cast # down: 38Cast # up: 39

Time	LOC	UTC
Begin:		0803
Bottom:		0809
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: <u>4902.61</u>
LONG: <u>123 23.13</u>

END POSITION (GPS)
LAT:
LONG:

Comments: * Too much H₂O added - increased volume; [O₂] values appear reasonable

Rosette Log

CRUISE ID: 9725
STATION NAME: GIOI

UTC DATE y/m/d: 97/05/29
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	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC	FIL	Serial #	°C / dbar
1	191	1180	8.7	150	151.1	✓ 30.4012	✓				✓							
2	192	1183	8.2	100	100.0	✓ 29.9813	✓				✓							
3	193	1187	8.2	75	75.7	✓ 29.7458	✓				✓							
4	194	1188	8.9	50	50.2	✓ 29.2761	✓				✓							
5	195	1189	8.9	30	30.0	✓ 29.0522	✓				✓							
6	196	1190	9.2	20	19.8	✓ 28.6677	✓				✓							
7	197	1191	9.6	10	10.7	✓ 28.1546	✓				✓							
8	198	1192	12.6	0	1.4	16.9867	✓				✓							
9	199	—	12.6	0	1.4	17.9553									✓			
10																		
11																		
12																		
13																		
14																		
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16																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 165

Cast # down: 40

Cast # up: 41

Time	LOC	UTC
Begin:		
Bottom:		0903
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 58.40
LONG: 123 16.34

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9725

UTC DATE y/m/d:

97/05/29

SHIP:

STATION NAME:

S103

CAST NO.:

43

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	200	1008	8.8	125	113.9	✓ 30.3461	✓				✓							
2	201	1010	8.8	160	101.0	✓ 30.2204												
3	202	1020	8.4	75	75.3	✓ 29.7775												
4	203	1028	9.2	50	50.2	✓ 29.6700												
5	204	1031	9.2	30	30.8	✓ 29.2714												
6	205	1032	9.7	20	21.0	✓ 28.7638												
7	206	1036	9.9	10	10.3	✓ 28.1308												
8	207	1039	11.2	0	1.3	✓ 26.0253	✓				✓							
9	208	—	11.2	0	1.3	✓ 26.0942									✓			
10	209																	
11																		
12																		
13																		
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16																		
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19																		
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21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 128

Cast # down: 42

Cast # up: 43

Time LOC UTC

Begin:

Bottom: 2101

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 55.09

LONG: 123 10.74

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9725
STATION NAME: MT03UTC DATE y/m/d: 97/05/29
CAST NO.: 45SHIP:

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	209	1045	8.9	150	150.7	✓ 30.3216												
2	210	1047	9.0	125	125.4	✓ 30.1988												
3	211	1052	9.1	100	101.3	✓ 29.9910												
4	212	1054	9.1	75	75.4	✓ 29.9267												
5	213	1056	9.2	50	50.4	✓ 29.6039												
6	214	1062	9.2	30	30.5	✓ 29.5243												
7	215	1065	9.3	20	20.2	✓ 29.3701												
8	216	1068	9.4	10	10.3	✓ 29.0254												
9	217	1079	10.9	0	1.2	✓ 26.3809												
10	218	—	11.0	0	1.2	✓ 26.0116												
11																		
12																		
13																		
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16																		
17																		
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20																		
21																		
22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 160Cast # down: 44Cast # up: 45

Time LOC UTC

Begin: Bottom: 21:48:20End:

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 4851.60LONG: 1230515

END POSITION (GPS)

LAT: LONG: Comments: