

ROSETTE LOG

MISSION ID: 9742
STATION NAME: D14A

UTC DATE y/m/d: 97/09/23
CAST NUMBER: 2

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1					162.2													
2	1				162.3		✓											
3	2				162.7		✓											
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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19																		
20																		
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22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 180.

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 2341

End:

START POSITION (GPS)

LAT: 48 22.21

LONG: 124 14.95

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: LC08

UTC DATE y/m/d: 97/09/25
CAST NO.: 4

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	3			R-20	2064	✓							✓					
2	4			1750		✓							✓					
3	5			1500		✓							✓					
4	6			1000		✓							✓					
5	7			800		✓							✓					
6	8			600		✓							✓					
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2063

Cast # down: 3
Cast # up: 4

Time LOC UTC
Begin:
Bottom: 0152
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 4855.88
LONG: 12713.87

END POSITION (GPS)
LAT:
LONG:

Comments:

BM

Rosette Log

CRUISE ID: 9742
STATION NAME: LG06UTC DATE y/m/d: 97/09/25
CAST NO.: 008SHIP: Tully

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	9	1032	3.6	964	964.0	34.3405		✓									wrong data	239
2	10	1036	3.9	800	799.0	34.2834		✓										238
3	11	1045	4.7	600	598.5	34.1667		✓										404
4	12	1052	5.4	500	502.3	34.0737		✓										830
5	13	1062	5.5	400	398.8	33.9501		✓										1602
6	14	1090	6.3	300	304.1	33.9685		✓										1837
7	15	1103	6.7	250	248.9	33.9874		✓							.362	0547.308		2095
8	16	1104	7.2	200	199.4	33.9065		✓										2263
9	17	1105	7.3	175	175.0	33.8809		✓										2131
10	18	1106	7.5	150	149.2	33.8241		✓										2625
11	19	1110	7.7	125	123.9	33.7321		✓										3428
12	20	1122	7.8	100	99.1	33.5264		✓										4670
13	21	1113	8.0	75	74.5	33.0631		✓										5212
14	22	1114	8.6	50	48.1	32.6407		✓										6110
15	23	1119	9.7	30	30.2	32.4575		✓										4658
16	24	1126	11.3	20	20.2	32.0432		✓										6246
17	25	1128	15.4	10	9.5	31.1520		✓						✓	✓			6370
18	26	1130	16.5	0	1.1	31.0262		✓										
Loop 19	27													✓				
20																		
21																		
22																		
23																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 964Cast # down: 007Cast # up: 008

Time	LOC	UTC
Begin:		
Bottom:		0548:39
End:		

START POSITION (GPS)	
LAT:	
LONG:	

BOTTOM POSITION (GPS)	
LAT:	4903.48
LONG:	1270129

END POSITION (GPS)	
LAT:	
LONG:	

81-115

5-67

BM

Rosette Log

CRUISE ID: 9742
STATION NAME: LC704UTC DATE y/m/d: 97/09/25
CAST NO.: 12SHIP: Tully

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	28		7.7	130	132.0	✓	33.6501		✓									1456
2	29		7.8	125	126.0	✓	33.5915		✓									1684
3	30		8.1	100	101.1	✓	33.3845		✓									2163
4	31		8.3	75	76.0	✓	33.2053		✓									2587
5	32		9.2	50	49.5	✓	32.6870		✓									4144
6	33		11.1	30	29.6	✓	32.1302		✓									4939
7	34		12.8	20	20.8	✓	31.8543		✓									5372
8	35		14.7	10	9.6	✓	31.5832		✓					✓	✓			5996
9	36		16.6	0	-0.2		31.3129		✓									6181
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 148Cast # down: 011Cast # up: 012

Time	LOC	UTC
Begin:		8:33
Bottom:		08:37
End:		8:47

START POSITION (GPS)	
LAT:	<u>49 11.09</u>
LONG:	<u>126 49.46</u>

BOTTOM POSITION (GPS)	
LAT:	<u>49 11.03</u>
LONG:	<u>126 49.48</u>

END POSITION (GPS)	
LAT:	<u>49 10.85</u>
LONG:	<u>126 49.41</u>

Comments:

Bm

Rosette Log

CRUISE ID: 9742
STATION NAME: L201

UTC DATE y/m/d: 97/09/25
CAST NO.: 18

SHIP: TULLY

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	37		13.7	50	40.8	✓ 31.5499		✓										4555
2	38		14.8	30	30.7	✓ 31.1895		✓										5.049
3	39		15.6	20	20.0	✓ 31.1351		✓										5.233
4	40		17.1	10	9.3	✓ 30.4621		✓					✓		✓			5.763
5	41		17.2	0	-3	✓ 30.3453		✓										5.780
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 53m

Cast # down: 17

Cast # up: 18

Time	LOC	UTC
Begin:		11:17
Bottom:		11:17'58
End:		11:23.42

START POSITION (GPS)
LAT: 49 20.44
LONG: 126 35.09

BOTTOM POSITION (GPS)
LAT: 49 02.42
LONG: 126 35.05

END POSITION (GPS)
LAT:
LONG:

Comments:

BM

Rosette Log

CRUISE ID: 9742
STATION NAME: LJO 9

UTC DATE y/m/d: 97/09/29
CAST NO.: 35

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	42			2463	2463.9								✓					
2	43			2002	2002.2								✓					
3	44			1498	1499.4								✓					
4	45				1201.5								✓					
5	46				1001.6								✓					
6	47				800.5								✓					
7	48				603.2								✓					
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2486

Cast # down: 34
Cast # up: 35

Time	LOC	UTC
Begin:		
Bottom:		05'19'52
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 4917.15
LONG: 127 46.84

END POSITION (GPS)
LAT:
LONG:

Comments:

Bm

Rosette Log

CRUISE ID:

9742

UTC DATE y/m/d:

97/09/29

SHIP:

Tully

STATION NAME:

L508

CAST NO.:

37

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	49	1032	2.2	1630	1630.6	✓34.5141		✓										.939
2	50	1036	2.5	1500	1501.2	✓34.4698		✓										.636
3	51	1045	3.0	1200	1198.9	✓34.4035		✓										.338
4	52	1142	3.5	1000	999.3	✓34.3331		✓										.263
5	53	1062	4.0	800	799.4	✓34.2494		✓										.243
6	54	1090	4.7	600	599.2	✓34.1301		✓										.474
7	55	1103	5.3	500	499.3	✓34.0878		✓										.720
8	56	1104	5.7	400	399.3	✓34.0319		✓										1103
9	57	1105	6.3	300	300.3	✓33.9760		✓										1.699
10	58	1106	6.6	250	249.9	✓33.9401		✓										2.150
11	59	1110	7.1	200	198.5	✓33.9101		✓										2.034
12	60	1122	7.3	175	174.9	✓33.8985		✓										2.059
13	61	1113	7.4	150	149.6	✓33.8467		✓										2.034
14	62	1114	7.9	125	124.7	✓33.7606		✓										2.348
15	63	1119	8.2	100	98.8	✓33.3806		✓										3.757
16	64	1126	8.2	75	75.0	✓32.8518		✓										5.240
17	65	1128	9.0	50	49.7	✓32.5021		✓										6.201
18	66	1130	11.0	30	28.8	✓32.3783		✓										6.950
19	67	1132	13.9	20	20.6	✓31.7278		✓										6.081
20	68	1133	15.0	10	9.8	✓31.5589		✓						✓	✓			5.980
21	69	1134	15.0	0	1.1	✓31.5577		✓										5.991
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 1588

Cast # down: 36

Cast # up: 37

Time LOC UTC

Begin: 0644

Bottom: 0714.35

End: 0735

START POSITION (GPS)

LAT: 49 20.37

LONG: 127 40.74

BOTTOM POSITION (GPS)

LAT: 49 20.84

LONG: 127 40.33

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: P4

UTC DATE y/m/d: 29 SEPT/97
CAST NO.: 39

SHIP: CSS TULLY

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			1300	1303.8	34.4536							/					
2	72			1200	1201.5	34.4291							/					
3	73			1000	1000.2	34.3874							/					
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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20																		
21																		
22																		
23																		

ENTERED BY: DFM
CHECKED BY:

Bottom Depth: 1298

Cast # down: 38
Cast # up: 39

Time	LOC	UTC
Begin:	1325	2025
Bottom:	20:46:56	
End:		

START POSITION (GPS)
LAT: 48° 38.96'
LONG: 126° 39.96'

BOTTOM POSITION (GPS)
LAT: 48 39.02
LONG: 126 39.75

END POSITION (GPS)
LAT:
LONG:

Comments:

BM

Rosette Log

CRUISE ID: 9742
STATION NAME: LC12UTC DATE y/m/d: 97/09/30
CAST NO.: 41SHIP: JP Tully

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	74			Bot-20	2519.3	✓ 34.6055							-					
2	75			2000	1998.9	✓ 34.5674							✓					
3	76			1500	1500.7	✓ 34.4858							✓					
4	77			1200	1200.3	✓ 34.4135							✓					
5	78			1000	1000.8	✓ 34.3375							✓					
6	79			800	799.1	✓ 34.2480							✓					
7	80			600	601.4	✓ 34.1389							✓					
8	81			0	1.0	✓ 31.9574							✓					
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 2524Cast # down: 40Cast # up: 41

Time	LOC	UTC
Begin:		0048
Bottom:		0138
End:		0230

START POSITION (GPS)	
LAT:	48° 15 04'
LONG:	126° 39.93'

BOTTOM POSITION (GPS)	
LAT:	48° 15.24'
LONG:	126° 40.60'

END POSITION (GPS)	
LAT:	48° 15.28'
LONG:	126° 41.58'

Comments:

Bm

Rosette Log

CRUISE ID:

9742

UTC DATE y/m/d:

97/09/30

SHIP:

STATION NAME:

LC11

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	PH	SAL		POC		Serial #	°C / dbar
1	82	1032	2.6	1450	1449.6	34.4705		✓					✓					670
2	83	1036	3.1	1200	1196.6	34.4048		✓					✓					354
3	84	1045	3.6	1000	998.0	34.3472		✓					✓					285
4	85	1042	4.0	800	799.0	34.2307		✓					✓					263
5	86	1052	4.9	600	600.6	34.1341		✓					✓					499
6	87	1062	5.5	500	503.9	34.0688		✓					✓					839
7	88	1090	5.8	400	398.6	34.0119		✓										1231
8	89	1103	6.3	300	300.0	33.9732		✓										1648
9	90	1104	6.5	250	249.1	33.9590		✓										1820
10	91	1105	6.9	200	199.9	33.9337		✓										1965
11	92	1106	7.2	175	175.1	33.8947		✓										2144
12	93	1110	7.6	150	149.3	33.8310		✓										2403
13	94	1122	8.0	125	125.1	33.6513		✓										2898
14	95	1113	8.0	100	99.5	33.1876		✓										4540
15	96	1114	8.3	75	75.6	32.6450		✓										6173
16	97	1119	9.7	50	49.0	32.4831		✓										6603
17	98	1126	15.9	30	29.9	31.9636		✓										6030
18	99	1128	16.1	20	20.1	31.9620		✓					✓					5870
19	100	1130	16.1	10	9.5	31.9629		✓				✓	✓					5885
20	101	1132	16.1	0	1.6	31.9628		✓					✓					5864
21	102			Loop									✓					
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 1490

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom: 04:51:59

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 18.84

LONG: 126 26.91

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: LC09

UTC DATE y/m/d: 97/09/30
CAST NO.: 47

SHIP: Tully

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	103		4.6	620	622.5	✓ 34.1801		✓					✓					.402
2	104		5.2	500	498.0	✓ 34.0695		✓					✓					.771
3	105		5.8	400	399.0	✓ 34.0100		✓					✓					1.320
4	106		6.2	300	300.0	✓ 33.9787		✓					✓					1.637
5	107		6.5	250	250.0	✓ 33.9180		✓										2.195
6	108		7.0	200	200.2	✓ 33.8908		✓										2.490
7	109		7.2	175	175.7	✓ 33.8480		✓										2.693
8	110		7.6	150	149.4	✓ 33.7939		✓										2.801
9	111		7.8	125	126.0	✓ 33.6606		✓										3.077
10	112		8.2	100	99.7	✓ 33.4019		✓										3.674
11	113		8.2	75	74.8	✓ 32.6315		✓										6.054
12	114		9.2	50	49.4	✓ 32.5358		✓										6.548
13	115		11.9	30	27.9	✓ 32.3039		✓										6.968
14	116		16.1	20	17.7	✓ 31.8064		✓										6.237
15	117		16.1	10	8.9	✓ 31.8236		✓						✓	✓			5.842
16	118		16.1	0	1.5	✓ 31.8249		✓										5.845
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 630

Cast # down: 46

Cast # up: 47

Time LOC UTC
Begin:
Bottom: 08:41:09
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 25.63
LONG: 126 13.76

END POSITION (GPS)
LAT:
LONG:

Comments:

Rm

Rosette Log

CRUISE ID: 7742
STATION NAME: LC08

UTC DATE y/m/d: 97/07/130
CAST NO.: 49

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	119		7.1	185	187.0	✓33.8908	✓											2.325
2	120		7.2	175	175.5	✓33.8916	✓											2.191
3	121		7.5	150	149.5	✓33.8346	✓											2.353
4	122		7.9	125	123.2	✓33.6885	✓											2.824
5	123		8.1	100	100.3	✓33.5628	—											3.218
6	124		8.2	75	74.6	✓33.1055	✓											4.996
7	125		9.3	50	48.3	✓32.4884	—											6.395
8	126		12.7	30	28.3	✓32.2186	—											6.624
9	127		15.9	20	19.0	✓31.7490	✓											5.955
10	128		15.9	10	11.1	✓31.7607	✓						✓		✓	Ron		5.871
11	129		15.9	0	1.7	✓31.7596	✓											5.949
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 200

Cast # down: 48
Cast # up: 49

Time	LOC	UTC
Begin:		10:35
Bottom:		10:42:43
End:		10:50

START POSITION (GPS)
LAT: 48 29 . 37
LONG: 126 07 . 12

BOTTOM POSITION (GPS)
LAT: 48 29 . 31
LONG: 126 07 . 15

END POSITION (GPS)
LAT: 48 29 . 28
LONG: 126 07 . 22

Comments:

Ron

Rosette Log

CRUISE ID:

9742

UTC DATE y/m/d:

97/10/01

SHIP:

STATION NAME:

LC07

CAST NO.:

50

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	1032	7.8	125	123.1	33.6720		✓										2.196
2	131	1036	7.9	100	100.9	33.5244		✓										2.222
3	132	1045	8.4	75	74.4	33.1897		✓										3.871
4	133	1142	9.1	50	51.0	32.5661		✓										5.866
5	134	1052	9.9	30	31.5	32.4123		✓										5.370
6	135	1062	11.5	20	20.9	32.0428		✓										5.038
7	136	1090	15.1	10	9.5	31.5292		✓										5.916
8	137	1103	15.2	0	1.4	31.5347		✓										5.942
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 128

Cast # down: 50

Cast # up: 50

Time LOC UTC

Begin:

Bottom: 04:21:57

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 32.89

LONG: 126 00.58

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: LC04UTC DATE y/m/d: 97/10/01
CAST NO.: 58SHIP: J.P. TULLY

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		PH	02	°C/dbar
1	138	1104	8.1	170	169.6	✓ 33.2694		✓										1939
2	139	1105	8.3	150	149.3	✓ 33.1922												2.307
3	140	1106	8.6	125	125.9	✓ 33.0370												2.797
4	141	1110	9.2	100	100.1	✓ 32.7686												3.509
5	142	1122	10.2	75	74.6	✓ 32.3130												3.939
6	143	1113	10.2	50	50.1	✓ 31.7879												3.086
7	144	1114	12.0	30	30.6	✓ 31.5223												3.868
8	145	1119	15.4	20	19.8	✓ 31.3148											par	4.943
9	146	1126	16.6	10	9.6	✓ 30.7425												5.549
10	147	1128	16.6	0	0.8	✓ 30.5840		✓						✓	✓			5.641
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 180Cast # down: 57Cast # up: 58

Time LOC UTC

Begin: 8:41Bottom: 8:44End: 8:52

START POSITION (GPS)

LAT: 48 44.21LONG: 125 40.88

BOTTOM POSITION (GPS)

LAT: 48 44.23LONG: 125 40.89

END POSITION (GPS)

LAT: 48 44.34LONG: 125 40.94Comments: oxygen samples not shaken enough after pickling.

Rosette Log

CRUISE ID: 9742
STATION NAME: D7A

UTC DATE y/m/d: 97/10/4
CAST NO.: 80

SHIP: Tully

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	148	1032		170		✓		✓				✓						
2	149	1036		150		✓		✓				✓						
3	150	1045		125		✓		✓				✓						
4	151	1142		100		✓		✓				✓						
5	152	1052		75		✓		✓				✓						
6	153	1062		50		✓		✓				✓						
7	154	1090		30		✓		✓				✓						
8	155	1103		20		✓		✓				✓						
9	156	1104		10		✓		✓				✓						
10	157	1105		0		✓		✓				✓						
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 176

Cast # down: 79
Cast # up: 80

Time	LOC	UTC
Begin:		343
Bottom:		348
End:		356

START POSITION (GPS)
LAT: 48 43.94
LONG: 123 08.77

BOTTOM POSITION (GPS)
LAT: 48 43.88
LONG: 123 08.88

END POSITION (GPS)
LAT: 48 43.09
LONG: 123 09.23

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: MIO3

UTC DATE y/m/d: 97/10/04
CAST NO.: 82

SHIP: Tully

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			
								OXY		Cl3		NUT		CHL			Serial #	°C / dbar
1	158	1106		120		/		/										
2	159	1110		100		/		/										
3	160	1122		75		/		/										
4	161	1113		50		/		/										
5	162	1114		30		/		/										
6	163	1119		20		/		/										
7	164	1126		10		/		/										
8	165	1128		0		/		/										
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 127

Cast # down: 81
Cast # up: 82

Time	LOC	UTC
Begin:		6 16
Bottom:		6 20
End:		6 26

START POSITION (GPS)
LAT: 48 55 03
LONG: 123 10.86

BOTTOM POSITION (GPS)
LAT: 48 55.02
LONG: 123 10.79

END POSITION (GPS)
LAT: 48 55.03
LONG: 123 10.73

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: G102

UTC DATE y/m/d: 97/10/04
CAST NO.: 84

SHIP: Tully

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	166	1130		240		✓												
2	167	1132		200		✓												
3	168	1133		175		✓												
4	169	1134		150		✓												
5	170	1135		125		✓												
6	171	1136		100		✓												
7	172	1137		75		✓												
8	173	1138		50		✓												
9	174	1139		30		✓												
10	175	1141		20		✓												
11	176	1143		10		✓												
12	177	1144		0		✓												
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 248

Cast # down: 83
Cast # up: 84

Time	LOC	UTC
Begin:		8:21
Bottom:		8:27
End:		

START POSITION (GPS)
LAT: 49 02.58
LONG: 123 23.49

BOTTOM POSITION (GPS)
LAT: 49 02.47
LONG: 123 23.68

END POSITION (GPS)
LAT: 49 02.47
LONG: 123 23.92

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: 6104

UTC DATE y/m/d: 97/10/04
CAST NO.: 86

SHIP: Tully

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	178	1145		355		✓		✓												
2	179	1146		300		✓														
3	180	1148		250		✓														
4	181	1150		200		✓														
5	182	1152		175		✓														
6	183	1153		150		✓														
7	184	1154		125		✓														
8	185	1155		100																
9	186	1157		75																
10	187	1158		50																
11	188	1160		30																
12	189	1167		20																
13	190	1168		10																
14	191	1169		0					✓											
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 365

Cast # down: 85
Cast # up: 86

Time	LOC	UTC
Begin:		10:16
Bottom:		10:23
End:		10:36

START POSITION (GPS)
LAT: 49 12.61
LONG: 123 40.58

BOTTOM POSITION (GPS)
LAT: 49 12.62
LONG: 123 40.57

END POSITION (GPS)
LAT: 49 12.81
LONG: 123 40.50

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: VI03UTC DATE y/m/d: 97/10/04
CAST NO.: 88SHIP: Tully

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	192	1090		333				✓			✓							
2	193	1062		300				✓			✓							
3	194	1052		250				✓			✓							
4	195	1045		200				✓			✓							
5	196	1038		175				✓			✓							
6	197	1032		150				✓			✓							
7	198	1103		125				✓			✓							
8	199	1104		100				✓			✓							
9	200	1105		75				✓			✓							
10	201	1106		50				✓			✓							
11	202	1110		30				✓			✓							
12	203	1113		20				✓			✓							
13	204	1114		10				✓			✓							
14	205	1119		0				✓			✓							
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 87Cast # up: 88Time LOC (UTC)Begin: 00104 0004

Bottom:

End: 0023

START POSITION (GPS)

LAT: 49 05.98LONG: 123 29.12

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9724
STATION NAME: N106

UTC DATE y/m/d: 97/10/05
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	206	1145		155		✓												
2	207	1146		150		✓												
3	208	1148		125		✓												
4	209	1150		100		✓												
5	210	1152		75		✓												
6	211	1153		50		✓												
7	212	1154		30		✓												
8	213	1155		20		✓												
9	214	1157		10														
10	215	1158		0														
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 165

Cast # down: 89
Cast # up: 90

Time LOC UTC
Begin:
Bottom: 0210
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 4921.43
LONG: 123 35.36

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 97-42
STATION NAME: NIOS

UTC DATE y/m/d: 97/10/05
CAST NO.: 92

SHIP: Tully

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	216	1160		255		✓												
2	217	1167		200														
3	218	1168		175														
4	219	1169		150														
5	220	1171		125														
6	221	1173		100														
7	222	1174		75														
8	223	1175		50														
9	224	1176		30														
10	225	1177		20														
11	226	1178		10														
12	227	1180		0														
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 264

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: NI04

UTC DATE y/m/d: 97/10/05
CAST NO.: 94

SHIP: John P. Tully

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	228	1032		290					✓									
2	229	1036		250														
3	230	1045		200														
4	231	1052		175														
5	232	1062		150														
6	233	1090		125														
7	234	1103		100														
8	235	1104		75														
9	236	1105		50														
10	237	1106		30														
11	238	1110		20														
12	239	1113		10														
13	240	1114		0					✓									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: N103

UTC DATE y/m/d: 97/10/05
CAST NO.: 96

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		Serial #	°C / dbar
1	241	1119		~400														
2	242	1122		300														
3	243	1126		250														
4	244	1128		200														
5	245	1130		175														
6	246	1132		150														
7	247	1133		125														
8	248	1134		100														
9	249	1135		75														
10	250	1136		50														
11	251	1137		30														
12	252	1138		20														
13	253	1139		10														
14	254	1141		0														
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Note to Melanie: Station names on flasks should be NIO2

Rosette Log

CRUISE ID: 9742
STATION NAME: NIO2

UTC DATE y/m/d: 97/10/05
CAST NO.: 98

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	255	1189		298	288.3													
2	256	1190		250	248.0													
3	257	1191		200	197.6													
4	258			175	149.2	MISSED DEPTH BRAIN HALT FUNCTIONED												
5	259	1193		150	125.0													
6	260	1194		125	101.2													
7	261	1195		100	74.4													
8	262	1196		75	50.8													
9	263	1197		50	29.7													
10	264	1198		30	19.1													
11	265	1201		20	9.6													
12	266	1202		10	.8													
13	267	1203		0														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 97
Cast # up: 98

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 97-42
STATION NAME: VF01

UTC DATE y/m/d: 97/10/05
CAST NO.: 100

SHIP: Tully

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	268	84		130				✓										
2	269	97		75														
3	270	99		50														
4	271	207		30														
5	272	255		20														
6	273	332		10														
7	274	333		0				✓										
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 97-42
STATION NAME: VI02

UTC DATE y/m/d: 97/10/05
CAST NO.: 102

SHIP: Tully

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	275	337		245		/														
2	276	364		200		/														
3	277	376		175		/														
4	278	380		150		/														
5	279	392		125		/														
6	280	394		100		✓														
7	281	412		75		✓														
8	282	418		50		/														
9	283	420		30		-														
10	284	425		20		/														
11	285	443		10		/														
12	286	451		0		/														
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				

ENTERED BY:

CHECKED BY:

Bottom Depth: 255

Cast # down:

Cast # up:

TimeLOCUTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 97-42
STATION NAME: VI04

UTC DATE y/m/d: 97/10/05
CAST NO.: 104

SHIP: Tully

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	287	463		177		/		✓										
2	288	467		160		/												
3	289	485		150		✓												
4	290	486		125		/												
5	291	496		100		/												
6	292	509		75		/												
7	293	527		50		✓												
8	294	534		30														
9	295	535		20														
10	296	572		10														
11	297	578		0				✓										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 97-42
STATION NAME: VIOS

UTC DATE y/m/d: 97/10/05
CAST NO.: 106

SHIP: Tully

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			
							OXY		C13		NUT		CHL					
1	298	1204		60		✓		↓				↓						
2	299	1206		30				↓				↓						
3	300	1208		20				↓				↓						
4	301	1209		10				↓				↓						
5	302	1210		0				↓				↓						
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 70

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9742
STATION NAME: 8103

UTC DATE y/m/d: 97/10/05
CAST NO.: 108

SHIP: Tolly

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	302	1189		150															
2	303	1190		135															
3	304	1191		125															
4	305	1192		100															
5	306	1193		75															
6	307	1194		50															
7	308	1195		30															
8	309	1196		20															
9	310	1197		10															
10	311	1198		0															
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			

ENTERED BY:
CHECKED BY:

Bottom Depth: 158

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: