

ROSETTE LOG

MISSION ID: 9911
STATION NAME: L302

UTC DATE y/m/d: 99/5/4
CAST NUMBER: 4

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Endpoint	Comments	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO						
							OXY		CHL		C13		Photo						
1	1	84		50	50	✓			✓	✓	✓								
2	2	97		30	30	✓			✓	✓	✓								
3	3	255		20	20	✓			✓	✓	✓								
4	4	333		10	10	✓			✓	✓	✓								
5	5	337		0	1.7	✓			✓	✓	✓				✓				In L004 file.
6																			
7																			
8																			
9																			
10																			
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24																			

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 57

Cast # down: 4
Cast # up: 4

Time	LOC	UTC
Begin:		2156
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 39.00
LONG: 125 02.16

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: 1304

UTC DATE y/m/d: 99/05/04
CAST NUMBER: 006

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		PH					
1	6			Bot-16																
2	7			75																
3	8			50																
4	9			30																
5	10			20																
6	11			10																
7	12			0																
8																				
9																				
10																				
11																				
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17																				
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19																				
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21																				
22																				
23																				
24																				

ENTERED BY: D. Anderson
CHECKED BY:

Bottom Depth: 114

Cast # down: 006
Cast # up: 006

Time	LOC	UTC
Begin:	23 19	
Bottom:	23 22	
End:	23 29	

START POSITION (GPS)
LAT: 48 35.67
LONG: 125 08.71

BOTTOM POSITION (GPS)
LAT: 48 35.69
LONG: 125 08.72

END POSITION (GPS)
LAT: 48 35.68
LONG: 125 08.67

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: L306

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 008

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO		ph					
1	13			Bot - 10		✓														
2	14			75																
3	15			50							✓									
4	16			30							✓									
5	17			20							✓									
6	18			10							✓									
7	19			0					↓	↓	✓				✓					
8																				
9																				
10																				
11																				
12																				
13																				
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19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: Anderson
CHECKED BY: Marks

Bottom Depth: 116

Cast # down: 008
Cast # up: 008

Time	LOC	UTC
Begin:		00:41
Bottom:		00:44
End:		00:52

START POSITION (GPS)
LAT: 48 32.22
LONG: 125 15.45

BOTTOM POSITION (GPS)
LAT: 48 32.26
LONG: 125 15.46

END POSITION (GPS)
LAT: 48 32.30
LONG: 125 15.57

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: C1 =

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 009

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
							OXY		CHL		C18		PH					
1	20			B- 10														
2	21			125														
3	22			100														
4	23			75														
5	24			50														
6	25			30														
7	26			20														
8	27			15														
9	28			10														
10	29			5														
11	30			2														
12	31			0														
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 154

Cast # down: 009
Cast # up: 009

Time	LOC	UTC
Begin:		01:36
Bottom:		
End:		01:53

START POSITION (GPS)
LAT: 48 28.94
LONG: 125 15.37

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48 28.95
LONG: 125 15.30

Comments: UBC 14 uptake station

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LBOB

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 0114

SHIP: Tully

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	32	1241		130	129			✓	✓									
2	33	1243		100	101													
3	34	1244		75	75													
4	35	1246		50	50					✓								
5	36	1247		30	30					✓								
6	37	1248		20	20					✓								
7	38	1249		10	9					✓								
8	39	1251		0				✓	✓	✓			✓					
9																		
10																		
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22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 141

Cast # down: 14
Cast # up: 14

Time	LOC	UTC
Begin:		07:09:20
Bottom:		0703
End:		

START POSITION (GPS)
LAT: 48 25.28
LONG: 125 28.74

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LC 02

UTC DATE y/m/d: 5/5/99
CAST NUMBER: 21

SHIP: J.A. TULLY

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		PH					
1	40	1258		8-10	100	✓												
2	41	1260		75	75	✓												
3	42	1261		50	50	✓												
4	43	1264		30	30	✓												
5	44	1267		20	19	✓												
6	45	1268		10	10	✓												
7	46	1269		0			✓	↓	↓	↓				✓				
8																		
9																		
10																		
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22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 111

Cast # down: 210
Cast # up:

Time LOC UTC
Begin: 13:15:10
Bottom:
End:

START POSITION (GPS)
LAT: 48 48.70
LONG: 125 30.85

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LCO4

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 23

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C104		CHLOR						
1	47	1270		Bottom - 10	154			✓	✓											
2	48	1271		125	125			✓												
3	49	1272		100	100			✓												
4	50	1273		75	75			✓												
5	51	1274		50	50			✓												
6	52	1275		30	31			✓		✓		✓								
7	53	1276		20	20		✓	✓		✓		✓								
8	54	1277		15	15			✓		✓		✓								
9	55	1278		10	10			✓		✓		✓								
10	56	1279		5	5			✓		✓		✓								
11	57	1280		0	.8				✓	✓		✓		✓						
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		14:58:32
Bottom:		
End:		

START POSITION (GPS)
LAT: 4843.42
LONG: 12540.63

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LC7

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 27

SHIP: Tolly

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C194		ph/mk						
1	58	1196		8-10	120			✓	✓											
2	59	1197		100	100			✓	✓											
3	60	1198		75	75			✓	✓											
4	61	1201		50	50			✓	✓	✓										
5	62	1202		30	29			✓	✓	✓										
6	63	1203		20	20			✓	✓	✓										
7	64	1204		15	15			✓	✓											
8	65	1206		10	10			✓	✓	✓										
9	66	1209		5	6			✓	✓											
10	67	1210		0	1.3			✓	✓	✓				✓						
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 128

Cast # down: 27
Cast # up: 27

Time	LOC	UTC
Begin:	1115	18'18'16
Bottom:	1122	1822
End:		

START POSITION (GPS)
LAT: 4833.01
LONG: 126 00.59

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LC08

UTC DATE y/m/d: 99/5/5
CAST NUMBER: 29

SHIP: Tully

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	68	1211		B-10	190				✓									
2	69	1212		175	175													
3	70	1215		150	154													
4	71	1216		125	119													
5	72	1218		100	100													
6	0085				100													
7	73	1219		75	75													
8	74	1221		50	52					✓								
9	75	1222		30	30					✓								
10	76	1223		20	20					✓								
11	77	1225		10	10					✓								
12	78	1228		0	2				✓	✓				✓				
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 200

Cast # down: 29
Cast # up: 29

Time	LOC	UTC
Begin:		21:05/6
Bottom:		22:09
End:		

START POSITION (GPS)
LAT: 48 29.62
LONG: 126 07.08

BOTTOM POSITION (GPS)
LAT: 48 29.55
LONG: 126 07.14

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: L209

UTC DATE y/m/d: 99/05/05
CAST NUMBER: 31

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		CR		PH					
1	79			500														
2	80			400														
3	81			300														
4	82			250														
5	83			200														
6	84			175														
7	85			150														
8	86			125														
9	87			100														
10	88			75														
11	89			50														
12	90			30						✓		✓		✓				
13	91			25						✓		✓		✓				
14	92			20						✓		✓		✓				
15	93			10						✓		✓		✓				
16	94			5						✓		✓		✓				
17	95			0						✓		✓		✓				
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 625

Cast # down: 31
Cast # up: 31

Time	LOC	UTC
Begin:		2259
Bottom:		2306
End:		

START POSITION (GPS)
LAT: 48 25 . 92
LONG: 126 13 . 83

BOTTOM POSITION (GPS)
LAT: 48 25 . 78
LONG: 126 13 . 75

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LC11

UTC DATE y/m/d: 99/05/06
CAST NUMBER: 36

SHIP: Tully

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		MUP						
1	96			Bot-10	1445			✓	✓											
2	97			1250	1250			✓	✓											
3	98			1000	999			✓	✓											
4	99			750	750			✓	✓											
5	100			500	500			✓	✓											
6	101			400	400			✓	✓											
7	102			300	300			✓	✓											
8	103			200	201			✓	✓											
9	104			175	176			✓	✓											
10	105			150	150			✓	✓											
11	106			125	125			✓	✓											
12	107			100	100			✓	✓											
13	108			75	76			✓	✓											
14	109			50	49			✓	✓	✓										
15	110			30	31			✓	✓	✓										
16	111			20	20			✓	✓	✓										
17	112			10	10			✓	✓	✓										
18	113			0	1			✓	✓	✓				✓						
19																				
20																				
21																				
22																				
23																				
24																				

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 1440

Cast # down: 36
Cast # up: 36

Time	LOC	UTC
Begin:	2030	0330
Bottom:		0347
End:	2130	0430

START POSITION (GPS)

LAT: 48 18 . 79
LONG: 126 26 . 47

BOTTOM POSITION (GPS)

LAT: 48 19 . 03
LONG: 126 26 . 60

END POSITION (GPS)

LAT: 48 18 93
LONG: 126 26 61

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LC 14

UTC DATE y/m/d: 6 MAY 99
CAST NUMBER: 40

SHIP: J P TULLY

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	114	1196		1184	804-10	✓												
2	115	1197		999	1000	✓												
3	116	1198		749	750	✓												
4	117	1201		502	500	✓												
5	118	1202		400	400	✓												
6	119	1203		301	300	✓												
7	120	1206		250	250	✓												
8	121	1204		199	200	✓												
9	122	1209		174	175	✓												
10	123	1210		151	150	✓												
11	124	1211		124	125	✓												
12	125	1212		100	100	✓												
13	126	1215		75	75	✓												
14	127	1216		50	50	✓												
15	128	1219		30	30	✓												
16	129	1218		19	20	✓												
17	130	1221		10	10	✓												
18	131	1222		0.3	0	✓												
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: A WATCH
CHECKED BY:

Bottom Depth: 1185

Cast # down: 40 U
Cast # up:

Time	LOC	UTC
Begin:	1	1135
Bottom:		1151
End:		1235

START POSITION (GPS)
LAT: 48 08 49
LONG: 125 59 94

BOTTOM POSITION (GPS)
LAT: 48 08 43
LONG: 125 59 94

END POSITION (GPS)
LAT: 48 08 42
LONG: 126 00 20

ROSETTE LOG

MISSION ID:

STATION NAME:

UTC DATE y/m/d:

CAST NUMBER:

SHIP: Tully

ENTERED BY:

CHECKED BY:

Bottom Depth: 1785

Cast # down: 42

Cast # up: 42

Time	LOC	UTC
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Begin: 1531

Bottom: 1554

End:

START POSITION (GPS)

LAT: 48 0.50

LONG: 126 17.12

BOTTOM POSITION (GPS)

LAT: 48 0.69

LONG: 126 4.20

END POSITION (GPS)

LAT:

LONG:

Comments: Accidentally finished up and tripped bottle # 14

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LB16

UTC DATE y/m/d: 06 May 99
CAST NUMBER: 43

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		chl	ph					
1	145			200	200	✓			✓									File
2	146	1171		175	175	✓			✓									Shovel
3	147	1174		150	150	✓			✓									be
4	148	1175		125	125	✓			✓									event
5	149	1176		100	100	✓			✓									# 43
6	150	1177		75	75	✓			✓									File
7	151	1178		50	50	✓			✓		✓							99110011
8	152	1180		40	40	✓			✓		✓		✓					not
9	153	1192		30	30	✓			✓		✓							# 42
10	154	1188		20	20	✓			✓		✓							
11	155	1189		10	10	✓			✓		✓		✓					
12	156	1190		0	1	✓			✓		✓							
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: Steve
CHECKED BY:

Bottom Depth: 1778

Cast # down: 43
Cast # up: 43

Time	LOC	UTC
Begin: 10:35		17:35
Bottom: 10:41		17:41
End:		

START POSITION (GPS)
LAT: 48 0.55
LONG: 126 17.11

BOTTOM POSITION (GPS)
LAT: 48 0.60
LONG: 126 17.16

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LB12

UTC DATE y/m/d: 99/5/6
CAST NUMBER: 44

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	157			495	494				✓	✓								
2	158			400	399													
3	159			300	300													
4	160			250	250													
5	161			200	195													
6	162			175	177													
7	163			150	150													
8	164			125	124													
9	165			100	100													
10	166			75	73													
11	167			50	50													
12	168			30	30													
13	169			20	20													
14	170			10	10													
15	171			0	2				✓	✓	✓			✓				
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 515

Cast # down: 44

Cast # up: 44

Time LOC UTC
Begin: 20'05'54
Bottom: 2004
End:

START POSITION (GPS)
LAT: 48 12.87
LONG: 125 51.79

BOTTOM POSITION (GPS)
LAT: 48 12.87
LONG: 125 51.86

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LB10

UTC DATE y/m/d: 06 May 99
CAST NUMBER: 46

SHIP: Tully

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			Phyto					
1	172			B-10	150				✓	✓										
2	173			125	126															
3	174			100	100															
4	175			75	75															
5	176			50	50															
6	177			30	31															
7	178			20	20															
8	179			10	10															
9	180			0	1				✓	✓	✓				✓					
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: DY
CHECKED BY:

Bottom Depth: 153

Cast # down: 46
Cast # up: 46

Time LOC UTC
Begin: 3:22 22:23
Bottom: 2223
End:

START POSITION (GPS)
LAT: 48 18.65
LONG: 125 41.41

BOTTOM POSITION (GPS)
LAT: 48 18.66
LONG: 125 41.43

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LD2

UTC DATE y/m/d: 99 May 07
CAST NUMBER: 48

SHIP: Tully

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	ph4tp					
1	181	97		41	41	✓		✓	✓	✓								
2	182	84		30	30	✓		✓	✓	✓								
3	183	333		20	17	✓		✓	✓	✓								
4	184	255		10	10	✓		✓	✓	✓								
5	185	364		0	3	✓		✓	✓	✓			✓					
6																		
7																		
8																		
9																		
10																		
11																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: Steve
CHECKED BY:

Bottom Depth: 44

Cast # down: 48
Cast # up: 48

Time	LOC	UTC
Begin:		0417
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 58.34
LONG: 125 47.03

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LD4

UTC DATE y/m/d: 99/05/07
CAST NUMBER: 50

SHIP: Tully

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		PH				
1	186			B-10	53	✓			✓									
2	187			50	50	✓												
3	188			40	40	✓					✓							
4	189			30	30	✓					✓							
5	190			20	20	✓					✓							
6	191			10	10	✓					✓							
7	192			0	1	✓				✓	✓			✓				
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: Steve
CHECKED BY:

Bottom Depth: 63

Cast # down: 50
Cast # up: 50

Time	LOC	UTC
Begin:		0553
Bottom:		0554
End:		0603

START POSITION (GPS)
LAT: 48 53.23
LONG: 125 56.96

BOTTOM POSITION (GPS)
LAT: 48 53.25
LONG: 125 56.98

END POSITION (GPS)
LAT: 48 53.30
LONG: 125 57.10

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: L61

UTC DATE y/m/d: 99/5/7
CAST NUMBER: 52

SHIP: Tolly

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		Ph				
1	193			50	48			✓	✓	✓								
2	194			30	30			✓	✓	✓								
3	195			20	20			✓	✓	✓								
4	196			10	10			✓	✓	✓								
5	197			0	1			✓	✓	✓				✓				
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 53

Cast # down: 52

Cast # up: 52

Time	LOC	UTC
Begin:		10:16
Bottom:		10:15
End:		

START POSITION (GPS)
LAT: 49 20.58
LONG: 126 35.15

BOTTOM POSITION (GPS)
LAT: 49 20.58
LONG: 126 35.13

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: CG2

UTC DATE y/m/d: 99/5/7
CAST NUMBER: 53

SHIP: Tully

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		ATD					
1	198			B-10		✓			✓									
2	199			75					✓									
3	200			50					✓	✓								
4	201			30					✓	✓								
5	202			20					✓	✓								
6	203			10					✓	✓								
7	204			0					✓	✓			✓					
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 102

Cast # down: 53

Cast # up: 53

Time	LOC	UTC
Begin:		1058
Bottom:		1100
End:		1105

START POSITION (GPS)
LAT: 49 18 . 73
LONG: 126 38 . 23

BOTTOM POSITION (GPS)
LAT: 49 18 . 75
LONG: 126 38 . 34

END POSITION (GPS)
LAT: 49 18 . 77
LONG: 126 38 . 35

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

7 MAY/19

STATION NAME:

LG4

CAST NUMBER:

56

SHIP: J. P. TULLY

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		PH				
1	205			8-10	141	✓												
2	206			125	123	✓												
3	207			100	100	✓												
4	208			75	73	✓												
5	209			50	49	✓				✓								
6	210			30	30	✓				✓								
7	211			20	20	✓				✓								
8	212			10	10	✓				✓								
9	213			0	0.8	✓	✓	✓	✓	✓			✓					
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 148

Cast # down: 56

Cast # up: 56

Time LOC UTC

Begin: 1311

Bottom: 1314

End: 1325

START POSITION (GPS)

LAT: 49 11.34

LONG: 126 49.53

BOTTOM POSITION (GPS)

LAT: 49 11.35

LONG: 126 49.51

END POSITION (GPS)

LAT: 49 11.39

LONG: 126 49.38

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

990507

STATION NAME:

LG7

CAST NUMBER:

59

SHIP:

Tully

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION
Trip Confirmed
pressure Salinity

Samples taken
SAL OXY NUT CHL ALK TCO
11 214 215 216 217 218 219 220 221 222 223 224

1	214	1269		500	496	✓			✓										
2	215	1270		400	400	✓			✓										
3	216	1271		300	301	✓			✓										
4	217	1272		250	250	✓			✓										
5	218	1274		200	200	✓			✓										
6	219	1273		175	175	✓			✓										
7	220	1275		125	126	✓			✓										
8	221	1276		100	100	✓			✓										
9	222	1277		75	75	✓			✓										
10	223	1278		50	50	✓			✓		✓		✓						
11	224	1279		40	40	✓			✓		✓		✓						
12	225	1280		30	30	✓			✓		✓		✓						
13	226	1138		20	20	✓			✓		✓		✓						
14	227	1139		10	10	✓			✓		✓		✓						
15	228	1141		5	4	✓			✓		✓		✓						
16	229	1142		0	2	✓			✓		✓		✓						
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:

Steve

CHECKED BY:

Bottom Depth:

1060

Cast # down:

59

Cast # up:

59

Time LOC UTC

Begin: 1611

Bottom: 1621

End: 1649

START POSITION (GPS)

LAT: 48 59.42

LONG: 127 7 57

BOTTOM POSITION (GPS)

LAT: 48 59.53

LONG: 127 7.85

END POSITION (GPS)

LAT: 48 59.79

LONG: 127 8.65

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

99/05/07

STATION NAME:

L67

CAST NUMBER:

63

SHIP: Tully

Niskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION
Trip Confirmed
pressure Salinity

Samples taken
SAL NUT ALK TCO
OXY CHL C13

1	230	1143		1690	1690	✓		✓											
2	231	1144		1500	1498			✓											
3	232	1146		1400	1399			✓											
4	233	1148		1300	1300			✓											
5	234	1150		1200	1201			✓											
6	235	1153		1100	1099			✓											
7	236	1168		1000	998			✓											
8	237	1171		900	899			✓											
9	230	1158		800	805			✓											
10	239	1175		700	701			✓											
11	240	1174		600	600			✓											
12	241	1154		500	500			✓											
13				400															
14				300															
15				200															
16				100															
17				50															
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY: Steve

CHECKED BY:

Bottom Depth:

Cast # down: 63

Cast # up: 63

Time LOC UTC

Begin: 1822

Bottom: 1853

End:

START POSITION (GPS)

LAT: 49 0.33

LONG: 127 8.03

BOTTOM POSITION (GPS)

LAT: 49 0.98

LONG: 127 7.93

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: C69

UTC DATE y/m/d: 99/5/7
CAST NUMBER: 64

SHIP: Tully

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		PH	TA			
1	242			1000	1000				✓									
2	243			750	747													
3	244			500	500													
4	245			400	402													
5	246			300	300													
6	247			200	200													
7	248			175	175													
8	249			150	150													
9	250			125	125													
10	251			100	100													
11	252			75	74													
12	253			50	50					✓								
13	254			30	30					✓								
14	255			20	20					✓								
15	256			10	10					✓								
16	257			0	2				✓	✓			✓					
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2068

Cast # down: 64
Cast # up:

Time	LOC	UTC
Begin:		21:23
Bottom:		
End:		

START POSITION (GPS)
LAT: 4851.30
LONG: 127 19.43

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

1999 May 07

STATION NAME:

LG 3

CAST NUMBER:

65

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
							OXY		CHL		C19		PHYTO					
1	258	97		B-10		✓												
2	259	84		100		✓												
3	260	333		75		✓												
4	261	255		50														
5	262	364		40					✓		✓		✓					
6	263	337		30					✓		✓							
7	264	392		20					✓		✓							
8	265	708		15														
9	266	425		10					✓		✓							
10	267	267		5					✓		✓							
11	268	467		0					✓		✓		✓					
12	269			0					✓		✓							
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

126

Cast # down:

65

Cast # up:

65

Time LOC UTC

Begin: 2:02

Bottom: 2:05

End: 2:07

START POSITION (GPS)

LAT: 49 15.07

LONG: 126 43.75

BOTTOM POSITION (GPS)

LAT: 49 15.12

LONG: 126 43.87

END POSITION (GPS)

LAT: 49 15.21

LONG: 126 43.95

Comments:

ROSETTE LOG

MISSION ID:

STATION NAME:

UTC DATE y/m/d:

CAST NUMBER:**SHIP:**

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time

LOC

UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT: 50 35.03

LONG: 129 41.26

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

[illegible]

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: C53

UTC DATE y/m/d: 99/5/8
CAST NUMBER: 73

SHIP: Tully

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		And				
1	284			B-10	200			✓	✓									
2	285			175	175			✓	✓									
3	286			150	150			✓	✓									
4	287			125	125			✓	✓									
5	288			100	98			✓	✓									
6	289			75	75			✓	✓									
7	290			50	51			✓	✓									
8	291			30	30			✓	✓									
9	292			20	20			✓	✓									
10	293			10	10			✓	✓									
11	294			0	2			✓	✓	✓			✓					
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 232

Cast # down: 73
Cast # up: 73

Time	LOC	UTC
Begin:		21:30
Bottom:		
End:		

START POSITION (GPS)
LAT: 50 45 70
LONG: 129 20 00

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: CS5

UTC DATE y/m/d: 99/5/09
CAST NUMBER: 79

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	295	1138		B-10	37	✓			✓	✓								
2	296	1139		50	50	✓					✓							
3	297	1141		30	30	✓					✓							
4	298	1142		20	20	✓					✓							
5	299	1143		10	10	✓					✓							
6	300	1144		0	0	✓					✓		✓					
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 67

Cast # down: 79
Cast # up: 79

Time	LOC	UTC
Begin:	0	0041
Bottom:		0043
End:		0050

START POSITION (GPS)
LAT: 50 56 04
LONG: 128 59 13

BOTTOM POSITION (GPS)
LAT: 50 56 05
LONG: 128 59 92

END POSITION (GPS)
LAT: 50 56 11
LONG: 128 59 88

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: C57UTC DATE y/m/d: 99/05/09
CAST NUMBER: 82

SHIP: Tully

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		ph				
1	301	1146		30-10	56			✓	✓									
2	302	1148		50	50			✓	✓	✓								
3	303	1150		30	30		✓	✓	✓	✓								
4	304	1153		20	20			✓	✓	✓								
5	305	1154		10	10			✓	✓	✓								
6	306	1168		0	0			✓	✓	✓			✓					
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 66

Cast # down: 82

Cast # up: 82

Time	LOC	UTC
Begin:		0254
Bottom:		
End:		

START POSITION (GPS)		
LAT:	51	04.52
LONG:	128	43.96

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:		
LONG:		

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: C59

UTC DATE y/m/d: 99 05 09
CAST NUMBER: 88

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT	PH	DLK		TCO					
								OXY		CHL		C13	CH					
1	307	1171		B-10	179			✓	✓									
2	308	1158		175	175		✓	✓	✓									
3	309	1135		150	150			✓	✓									
4	310	1124		125	125			✓	✓									
5	311	1126		100	101			✓	✓									
6	312	1127		75	75			✓	✓									
7	313	1128		50	49			✓	✓				✓					
8	314	1180		30	30			✓	✓				✓					
9	315	1182		20	20			✓	✓				✓					
10	316	1188		10	10			✓	✓				✓					
11	317	1189		0	1			✓	✓	✓			✓					
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 197

Cast # down: 88
Cast # up: 88

Time	LOC	UTC
Begin:	2025	0525
Bottom:		
End:		

START POSITION (GPS)
LAT: 51 12 50
LONG: 128 28 05

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: CS18

UTC DATE y/m/d: 99/5/9
CAST NUMBER: 93

SHIP: Tully

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	318	1190		8-10	68			✓	✓									
2	319	1191		50	51						✓							
3	320	1192		30	30													
4	321	1193		20	20													
5	322	1194		10	10													
6	323	1195		0	2			✓	✓	✓				✓				
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 72

Cast # down: 93
Cast # up: 93

Time	LOC	UTC
Begin:		1015
Bottom:		
End:		

START POSITION (GPS)
LAT: 50 52.97
LONG: 129 39.95

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

990509

SHIP:

Tully

STATION NAME:

CS3B

CAST NUMBER:

95

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
✓ 1	324			B-10	221			✓										
✓ 2	325			175	175			✓										
✓ 3	326			150	150			✓										
✓ 4	327			125	125			✓										
✓ 5	328			100	100			✓										
✓ 6	329			75	75			✓										
✓ 7	330			50	50			✓										
✓ 8	331			30	30			✓										
✓ 9	332			20	20			✓										
✓ 10	333			10	10			✓										
✓ 11	334			0	1.2			✓										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

DJ

CHECKED BY:

Bottom Depth:

224

Cast # down:

95

Cast # up:

95

Time

LOC

UTC

Begin: 0851

1551

Bottom: 0857

1557

End:

START POSITION (GPS)

LAT: 50 59 93

LONG: 129 27 10

BOTTOM POSITION (GPS)

LAT: 50 59 93

LONG: 129 27 13

END POSITION (GPS)

LAT: 50 59 976

LONG: 129 27 065

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

99/5/9

STATION NAME:

J122

CAST NUMBER:

101

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	335	✓		500	503				✓	✓								
2	336	✓		400														
3	337	✓		300														
4	338	✓		250														
5	339	✓		200														
6	340	✓		175														
7	341	✓		150														
8	342	✓		125														
9	343	✓		100														
10	344	✓		75														
11	345	✓		50														
12	346	✓		30														
13	347	✓		20														
14	348	✓		10														
15	349	✓		0					✓	✓	✓				✓			
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

EJ

CHECKED BY:

Bottom Depth:

1526

Cast # down:

101

Cast # up:

101

Time LOC UTC

Begin: 2239

Bottom:

End: 2242

START POSITION (GPS)

LAT: 50 39.94

LONG: 129 18.05

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 50 39.68

LONG: 129 17.05

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: CPE2

UTC DATE y/m/d: 99/05/10
CAST NUMBER: 107

SHIP: Tully

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	350			B-10	117			✓										
2	351			100	100			✓										
3	352			75	75			✓										
4	353			50	50			✓										
5	354			30	28			✓										
6	355			20	19			✓										
7	356			10	10			✓										
8	357			0	1.2			✓										
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 125

Cast # down: 107
Cast # up: 107

Time	LOC	UTC
Begin:	2030	0329
Bottom:		
End:	2039	0339

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 50 43 30
LONG: 128 40 42

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LBP8

UTC DATE y/m/d: 99/5/10
CAST NUMBER: 110

SHIP: Tully

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		Phyto				
1	358			2000					✓	✓								
2	359			1500														
3	360			1200														
4	361			1000														
5	362			800														
6	363			600														
7	364			500														
8	365			400														
9	366			300														
10	367			250														
11	368			200														
12	369			175														
13	370			150														
14	371			125														
15	372			100														
16	373			75														
17	374			50							✓							
18	375			30							✓							
19	376			20							✓							
20	377			10							✓							
21	378			0				✓	✓	✓				✓				
22	379			0														
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2090

Cast # down: 110

Cast # up: 110

Time	LOC	UTC
Begin:		10:10
Bottom:		
End:		

START POSITION (GPS)
LAT: 49 48.63
LONG: 128 16.38

OK

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LBP6

UTC DATE y/m/d: 99/05/10
CAST NUMBER: 114

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL	Phy	13						
1	379			BoH-10	721			/	/									
2	380			600	601			/	/									
3	381			500	500			/	/									
4	382			400	400			/	/									
5	383			300	300			/	/									
6	384			200	199			/	/									
7	385			175	171			/	/									
8	386			150	150			/	/									
9	387			125	125			/	/									
10	388			100	100			/	/									
11	389			75	75			/	/									
12	390			50	50			/	/	/								
13	391			30	29			/	/	/								
14	392			20	20			/	/	/								
15	393			10	10			/	/	/	✓							
16	394			0	0			/	/	/								
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 740

Cast # down: 114

Cast # up: 114

Time	LOC	UTC
Begin:		1449
Bottom:	0800	1500
End:		

START POSITION (GPS)

LAT: 49 56 . 29

LONG: 128 05 . 28

BOTTOM POSITION (GPS)

LAT: 49 56 33

LONG: 128 04 99

END POSITION (GPS)

LAT: 49 56 48

LONG: 128 04 74

07:43

no lat/long in CTD header

ROSETTE LOG

MISSION ID:

9811

STATION NAME:

LBPH

UTC DATE y/m/d:

990510

CAST NUMBER:

117

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	395			B-10	910													
2	396			800	800													
3	397			750	750													
4	398			500	500													
5	399			400	399													
6	400			300	300													
7	401			200	202													
8	402			175	175													
9	403			150	150													
10	404			125	125													
11	405			100	100													
12	406			75	75													
13	407			50	50													
14	408			30	30													
15	409			20	20													
16	410			10	10													
17	411			0	1													
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 910

Cast # down: 117

Cast # up: 117

Time LOC UTC

Begin: 1732

Bottom:

End:

START POSITION (GPS)

LAT: 50 01.56

LONG: 127 51.17

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 50 01.67

LONG: 127 57.92

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LBP2UTC DATE y/m/d: 99/5/10
CAST NUMBER: 118SHIP: Tully

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	412			B-5	90			✓										
2	413			75	74													
3	414			50	50													
4	415			30	30													
5	416			20	20													
6	417			15	14													
7	418			10	10													
8	419			5	5													
9	420			2.5	2.8													
10	421			0	1.8			X										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 98Cast # down: 118Cast # up: 118

Time	LOC	UTC
Begin:		<u>19:10</u>
Bottom:		
End:		

START POSITION (GPS)		
LAT:	<u>50</u>	<u>04.00</u>
LONG:	<u>127</u>	<u>54.10</u>

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:		
LONG:		

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

19/05/10

STATION NAME:

1307

CAST NUMBER:

123

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth
------------	------------	------------	------------	--------------

ROSETTE OPERATION	
Trip pressure	Confirmed Salinity

Samples taken									
SAL		NUT		ALK		TCO			
	OXY		CHL		C13				

1	422			500															
2	423			400															
3	424			300															
4	425			250															
5	426			200															
6	427			175															
7	428			150															
8	429			125															
9	430			100															
10	431			75															
11	432			50															
12	433			30															
13	434			20															
14	435			10															
15	436			5															
16	437			0															
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

ENTERED BY:

CHECKED BY:

Bottom Depth: 2200

Cast # down: 123

Cast # up: 123

Time LOC UTC

Begin: 23:37

Bottom:

End:

START POSITION (GPS)

LAT: 49 52.43

LONG: 128 11.19

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: L51

UTC DATE y/m/d: 1999/05/11
CAST NUMBER: 124

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth
---------------	---------------	---------------	---------------	-----------------

ROSETTE OPERATION		Samples taken									
Trip	Confirmed	SAL		NUT		ALK		TCO			
pressure	Salinity		OXY		CHL		C13				

ENTERED BY: Darren
CHECKED BY:

Bottom Depth: 62

Cast # down: 124

Cast # up:	124
------------	-----

Time	LOC	UTC
Begin:		0537
Bottom:		
End:		

START POSITION (GPS)	
LAT:	49 44 .31
LONG:	127 02 .46

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LJ2

UTC DATE y/m/d: 19/05/11
CAST NUMBER: 125

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	444				72													
2	445				50													
3	446				30													
4	447				20													
5	448				10													
6	449				0													
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 82

Cast # down: 125

Cast # up: 125

Time LOC UTC
Begin: 0628
Bottom:
End:

START POSITION (GPS)
LAT: 49 42.72
LONG: 127 05.18

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: 6504

UTC DATE y/m/d: 99/5/11
CAST NUMBER: 128

SHIP: Tully

ENTERED BY: JVE
CHECKED BY:

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	450			B-10	150			✓	✓									
2	451			125	125			✓	✓									
3	452			100	102			✓	✓									
4	453			75	75			✓	✓									
5	454			50	51			✓	✓									
6	455			30	30			✓	✓									
7	456			20	21			✓	✓									
8	457			10	10			✓	✓									
9	458			0	1			✓	✓	✓								
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

Bottom Depth: 162

Cast # down: 128

Cast # up: 128

Time	LOC	UTC
Begin:		0844
Bottom:		
End:		

START POSITION (GPS)

LAT: 49 35.53

LONG: 127 16.90

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

#458 titration run
Twice. First go over
100 mg

934
1367
1301

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

99/5/11

SHIP: J.P. TULLY

STATION NAME:

LJ 06

CAST NUMBER:

131

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		PH	TO			
1	459			8-10	1000	✓	✓											
2	460			800	800	✓												
3	461			600	600	✓												
4	462			500	500	✓												
5	463			400	399	✓												
6	464			300	300	✓												
7	465			200	200	✓												Colorimeter misbehavior
8	466			175	175	✓												
9	467			150	150	✓												
10	468			125	125	✓												Div by 0 error
11	469			100	100	✓												
12	470			75	75	✓												
13	471			50	50	✓				✓								
14	472			30	30	✓				✓								
15	473			20	20	✓				✓								
16	474			10	10	✓				✓								
17	475			0						✓				✓				
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 1050

Cast # down: 131

Cast # up: 131

Time	LOC	UTC
Begin:		1141
Bottom:		1158
End:		1228

START POSITION (GPS)		
LAT:	49	27 84
LONG:	127	28 58

BOTTOM POSITION (GPS)		
LAT:	49	27. 89
LONG:	127	28. 60

END POSITION (GPS)		
LAT:	49	27. 90
LONG:	127	28. 60

Comments:

ROSETTE LOG

MISSION ID: 9911
STATION NAME: LJO8UTC DATE y/m/d: 99/05/11
CAST NUMBER: 134

SHIP: Tully

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	476			1000	1000	✓		/										
2	477			800	800	✓		/										
3	478			600	600	✓		/										
4	479			500	500	✓		/										
5	480			400	400	✓		/										
6	481			300	300	✓		/										
7	482			200	200	✓		/										
8	483			175	175	✓		/										
9	484			150	149	✓		/										
10	485			125	126	✓		/										
11	486			100	100	✓		/										
12	487			75	75	✓		/										
13	488			50	50	✓		/										
14	489			30	30	✓		/										
15	490			20	20	✓		/										
16	491			10	10	✓		/										
17	492			0	1	✓		/										
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: Steve
CHECKED BY:

Bottom Depth:

Cast # down: 134
Cast # up: 134

Time	LOC	UTC
Begin:		1541
Bottom:		1557
End:		

START POSITION (GPS)
LAT: 49 20.15
LONG: 127 40.91BOTTOM POSITION (GPS)
LAT: 49 20.22
LONG: 127 40.79END POSITION (GPS)
LAT: 49 20.20
LONG: 127 40.32

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

99/05/11

STATION NAME:

r1p 8

CAST NUMBER:

137

SHIP: J.P. TULLY

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	493			1000	1000	✓												
2	494			800	800	✓												
3	495			600	598	✓												
4	496			500	500	✓												
5	497			400	400	✓												
6	498			300	300	✓												
7	499			200	200	✓												
8	500			175	175	✓												
9	501			150	150	✓												
10	502			125	125	✓												
11	503			100	100	✓												
12	504			75	75	✓												
13	505			50	50	✓												
14	506			30	30	✓												
15	507			20	20	✓												
16	508			10	10	✓												
17	509			0	0	✓												
18	510			5	5	✓												
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2940

Cast # down: 137

Cast # up: 137

Time LOC UTC

Begin: 2327

Bottom: 2341

End: 00 14

START POSITION (GPS)

LAT: 48 48 99

LONG: 128 40.08

BOTTOM POSITION (GPS)

LAT: 48 48 99

LONG: 128 40 13

END POSITION (GPS)

LAT: 48 48 10

LONG: 128 40 46

Comments:

ROSETTE LOG

MISSION ID:

9911

UTC DATE y/m/d:

99/05/12

STATION NAME:

P06

CAST NUMBER:

140

SHIP:

Tully

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	511			1000	1000	✓		0										
2	512			750	746	✓		0										
3	513			500	498	✓		0										
4	514			400	400	✓		0										
5	515			300	302	✓		0										
6	516			200	200	✓		0										
7	517			175	175	✓		0										
8	518			150	150	✓		0										
9	519			125	123	✓		X										
10	520			100	102	✓		X										
11	521			75	75	✓		X										
12	522			50	50	✓		X										
13	523			30	30	✓		X										
14	524			20	20	✓		X										
15	525			10	10	✓		X										
16	526			0	4	✓		X										
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: The Power

CHECKED BY: Watch!

Bottom Depth: 2563

Cast # down: 140

Cast # up: 140

Time	LOC	UTC
Begin:		0600
Bottom:		0617
End:		0649

START POSITION (GPS)		
LAT:	48	44.81
LONG:	127	40.04

BOTTOM POSITION (GPS)		
LAT:	48	45.14
LONG:	127	40.17

END POSITION (GPS)		
LAT:	48	45.59
LONG:	127	40.47

ROSETTE LOG

MISSION ID: 9911
STATION NAME: P04UTC DATE y/m/d: 99/5/12
CAST NUMBER: 142SHIP: Tully

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	527			1000		✓												
2	528			750		✓												
3	529			500		✓												
4	530			400		✓												
5	531			300		✓												
6	532			200		✓												
7	533			175		✓												
8	534			150		✓												
9	535			125		✓												
10	536			100		✓												
11	537			75		✓												
12	538			50		✓				✓								
13	539			30		✓				✓								
14	540			20		✓				✓								
15	541			10		✓				✓								
16	542			0		✓				✓								
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 1036Cast # down: 142Cast # up: 142

Time	LOC	UTC
Begin:		10:36
Bottom:		10:56
End:		11:22

START POSITION (GPS)		
LAT:	48	39.02
LONG:	126	40.00

BOTTOM POSITION (GPS)		
LAT:	48	39.19
LONG:	126	40.29

END POSITION (GPS)		
LAT:	48	39.26
LONG:	126	40.01