

Rosette Log

CRUISE ID: 9638
 STATION NAME: site "0"

UTC DATE y/m/d: 961002
 CAST NO.: 4.

SHIP: TullyENTERED BY: A. Pena

CHECKED BY:

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	15	1008	32	2400	2399.8	✓	34.6240	✓			✓	✓		✓		34.6239	1.780
	2	16	1010	31	2000	1997.3	✓	34.5805	✓			✓	✓		✓		34.5807	1.373
	3	17		3.3	1900	1900.6	✓	34.5648	✓			✓	✓		✓		34.5651	1.171
	4	18	1028	—	1500	1497.6	✓	34.4933	✓			✓	✓		✓		4933	.600
	5	19	1031	40	1250	1249.0	✓	34.4448	✓			✓	✓		✓		4450	.408
	6	20	1032	44	1000	1006.6	✓	34.3882	✓			✓	✓		✓		3880	.285
	7	21	1033	51	750	751.5	✓	34.2598	✓			✓	✓		✓		.2575	.284
	8	22	1036	54	500	499.2	✓	34.0308	✓			✓	✓		✓		.0304	.981
	9	23	1039	65	300	303.3	✓	33.9114	✓			✓	✓		✓			2.391
	10	24	1047	7.2	250	251.1	✓	33.9077	✓			✓	✓		✓			2.723
	11	25	1056	7.9	200	199.6	✓	33.8714	✓			✓	✓		✓			2.785
	12	26	1040	8.4	150	150.3	✓	33.6872	✓			✓	✓		✓			3.116
	13	27	1045	9.4	125	125.3	✓	33.2856	✓			✓	✓		✓			5.875
	14	28	1052	9.0	100	98.7	✓	32.7666	✓			✓	✓		✓			5.355
	15	29	1057	9.3	85	85.3	✓	32.6285	✓			✓	✓		✓			5.873
	16	30	1067	9.8	75	74.0	✓	32.5313	✓			✓	✓		✓			6.019
	17	31	1069	11.2	60	57.8	✓	32.4244	✓			✓	✓	✓	✓			6.351
	18	32	1072	12.9	50	49.5	✓	32.2618	✓			✓	✓	✓	✓	✓		6.019
	19	33	—	—	40	40.6	✓	—	✓			✓	✓	✓	✓			—
	20	34		14.2	30	28.8	✓	32.1011	✓			✓	✓	✓	✓			5.973
	21	35	1087	14.2	20	19.1	✓	32.1042	✓			✓	✓	✓	✓			5.978
	22	36	1090	14.2	10	6.9	✓	32.1033	✓			✓	✓	✓	✓	✓		5.982
	23																	

Bottom Depth:

Cast # down: 2 + 3Cast # up: 4

Time LOC UTC

Begin: 20:21Bottom: 21:16

End:

START POSITION (GPS)

LAT: 49 07.29LONG: 127 44.37

BOTTOM POSITION (GPS)

LAT: 49 06.69LONG: 127 43.56

END POSITION (GPS)

LAT:

LONG:

Comments: 2 nutrients - 1 glass + 1 plastic
19 did not close

flask 1033 broken.
flask 1057 found cracked

Rosette Log

CRUISE ID:

9638

UTC DATE y/m/d:

96/10/03

SHIP: TULLY

STATION NAME:

LJ10

CAST NO.:

5/6

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		1.8	305-25	2508.0	✓ 34.6310		✓					✓				34.6309	
2	38		1.8	2400	2401.4	✓ 34.6269		✓					✓				34.6270	1.766
3	39	1020	1.9	2000	2001.0	✓ 34.5862		✓					✓				5867	1153
4	40	1028	2.5	1500	1499.2	✓ 34.5002		✓					✓				5005	.726
5	41	1031	3.0	1200	1198.0	✓ 34.4174		✓					✓	✓			4173	.333
6	42	1032	3.4	1000	1003.3	✓ 34.3721		✓					✓	✓			3722	.273
7	43		3.9	800	799.2	✓ 34.2735		✓					✓	✓			2733	.280
8	44		4.3	600	598.9	✓ 34.1018		✓					✓	✓			1025	.681
9	45		4.6	500	498.4	✓ 34.0199		✓					✓	✓			0217	1.064
10	46		5.1	400	400.8	✓ 33.9675		✓					✓	✓			9682	1.510
11	47		5.9	300	299.4	✓ 33.9217		✓					✓	✓				2.332
12	48		6.4	250	248.2	✓ 33.9118		✓					✓	✓				2.517
13	49		7.1	200	199.6	✓ 33.8831		✓					✓	✓				2.705
14	50		7.3	175	174.2	✓ 33.8094		✓					✓	✓				2.876
15	51		7.7	150	147.9	✓ 33.7167		✓					✓	✓				2.967
16	52		7.9	125	122.9	✓ 33.3568		✓					✓	✓				3.894
17	53		8.1	100	101.1	✓ 32.8449		✓					✓	✓				6.098
18	54		9.1	75	73.1	✓ 32.5333		✓					✓	✓		✓		6.181
19	55		10.5	50	50.5	✓ 32.4295		✓					✓	✓	✓	✓		6.201
20	56			30	31.2	✓ 32.0639		X					X	X	X	X		
21	57		14.8	20	19.8	✓ 32.0536		✓					✓	✓	✓	✓		5.946
22	58		14.8	10	9.9	✓ 32.0532		✓					✓	✓	✓	✓		5.949
23	59		14.8	0	0.4	32.0491		✓					✓	✓	✓			5.937

ENTERED BY:

CHECKED BY:

Bottom Depth: 2487

Cast # down: 5

Cast # up: 6

Time LOC UTC

Begin: 2150

Bottom: 2230

End:

START POSITION (GPS)

LAT: 49 11 34.5

LONG: 127 54 860

BOTTOM POSITION (GPS)

LAT: 49 11 46.4

LONG: 127 54 860

END POSITION (GPS)

LAT:

LONG:

Comments: 1720 down not done

Rosette Log

CRUISE ID:

9638

UTC DATE y/m/d:

96/10/04

SHIP: TULLY

STATION NAME:

LJ09

CAST NO.:

7/8

Niskin No.	Sample No.	OXY. Flask	C10 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	dry			
1	60		1.8	Bot - 25	2503.9	✓ 34.6307						✓						
2	61		1.9	2000	1998.1	✓ 34.5877						✓						
3	62		2.5	1500	1500.2	✓ 34.4994						✓						
4	63		3.1	1200	1261.2	✓ 34.4359						✓						
5	64		3.5	1000	998.7	✓ 34.3710						✓						
6	65		3.8	800	799.4	✓ 34.2722						✓						
7	66		4.3	600	598.4	✓ 34.1458						✓						
8	67		4.4	500	498.2	✓ 34.0330						✓						
9	68		4.9	400	397.4	✓ 33.9612						✓						
10	69		5.6	300	298.17	✓ 33.9079						✓						
11	70		6.1	250	246.5	✓ 33.8972						✓						
12	71		6.7	200	199.3	✓ 33.8857						✓						
13	72		7.0	175	172.1	✓ 33.8410						✓						
14	73		7.1	150	149.9	✓ 33.7631						✓						
15	74		7.4	125	123.3	✓ 33.4757						✓						
16	75		7.6	100	99.4	✓ 33.0555						✓						
17	76		8.9	75	72.1	✓ 32.5564						✓			✓			
18	77		10.6	50	50.1	✓ 32.4088						✓		✓	✓	✓		
19	78		14.4	30	31.2	✓ 32.0116						✓		✓	✓			
20	79		14.5	20	18.2	✓ 32.0210						✓		✓	✓			
21	80		14.6	10	10.8	✓ 32.0230						✓		✓	✓			
22	81		14.6	0	0.8	✓ 31.9688						✓		✓		✓		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2515

Cast # down: 7

Cast # up: 8

Time LOC UTC

Begin: 0039

Bottom: 0120

End: 0120

START POSITION (GPS)

LAT: 49 16 398

LONG: 127 46 957

BOTTOM POSITION (GPS)

LAT: 49 16.54

LONG: 127 46.14

END POSITION (GPS)

LAT: 49 16 54

LONG: 127 46 14

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LT08

UTC DATE y/m/d: 96/10/04
CAST NO.: 9110

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	Depth	Serial #	°C / dbar
1	82		2.2	bot -25	1748.8	✓ 34.5468							✓					
2	83		2.6	1500	1499.3	✓ 34.4976							✓					645
3	84		3.0	1200	1200.6	✓ 34.4400							✓					368
4	85		3.4	1000	999.9	✓ 34.3780							✓					273
5	86		3.8	800	799.0	✓ 34.2739							✓					275
6	87		4.2	600	600.0	✓ 34.1330							✓					552
7	88		4.4	500	498.8	✓ 34.0405							✓					900
8	89		4.7	400	398.8	✓ 33.9411							✓					1602
9	90		5.6	300	298.6	✓ 33.9160							✓					0.313
10	91		6.2	250	249.0	✓ 33.9144							✓					2565
11	92		6.6	200	201.5	✓ 33.8947							✓					2969
12	93		6.9	175	172.4	✓ 33.8455							✓					3334
13	94		7.2	150	148.3	✓ 33.7578							✓					3468
14	95		7.3	125	124.3	✓ 33.5441							✓					3604
15	96		7.7	100	99.2	✓ 32.9838							✓					4850
16	97		8.3	75	73.7	✓ 32.6078							✓					6151
17	98		10.0	50	52.8	✓ 32.4633							✓		✓	✓		6311
18	99		14.1	30	29.9	32.0041							✓		✓			6025
19	100		14.2	20	17.5	32.0074							✓		✓			5999
20	101			10	9.8								✓		✓	✓		*
21	102		14.4	0	16.7	32.0109							✓		✓	✓		5993
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 1760

Cast # down: 9

Cast # up: 10

Time	LOC	UTC
Begin:		3:03
Bottom:		3:39
End:		4:25

START POSITION (GPS)

LAT: 49 20.04

LONG: 127 40.97

BOTTOM POSITION (GPS)

LAT: 49 19.64

LONG: 127 40.41

END POSITION (GPS)

LAT: 49 24.12

LONG: 127 34.25

Comments: * Bottle 20 didn't fire. so POC and chl were taken at the surface (bottle 21)

& 1 n 11

Rosette Log

CRUISE ID: 9638
STATION NAME: LT 06UTC DATE y/m/d: 96/10/04
CAST NO.: 13/14SHIP: 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	Phyko	Serial #	°C / dbar
							OXY		C13		NUT		CHL					
3.2	1	103	1154	5.2	bot - 25	1099.2	✓	34.4082	✓			✓						1338
4.0	2	104	1155	5.0	800	801.3	✓	34.2737	✓			✓						1290
4.5	3	105	1157	5.4	600	601.8	✓	34.1702	✓			✓						1457
4.6	4	106	1160	5.4	500	500.9	✓	34.0745	✓			✓						1807
5.3	5	107	1163	6.1	400	397.0	✓	34.0287	✓			✓						1165
5.8	6	108	1164	6.4	300	299.8	✓	33.9667	✓			✓						1835
6.2	7	109	1167	6.8	250	253.0	✓	33.9510	✓			✓						2127
6.6	8	110	1168	7.3	200	201.6	✓	33.9263	✓			✓						2466
6.9	9	111	1169	7.4	175	175.0	✓	33.8805	✓			✓						2852
7.4	10	112	1178	7.4	150	150.4	✓	33.8447	✓			✓						2663
7.4	11	113	1173	7.8	125	124.8	✓	33.5940	✓			✓						2244
7.9	12	114	1174	8.6	100	99.0	✓	33.2630	✓			✓						2866
7.9	13	115	1175	8.7	75	74.8	✓	32.8690	✓			✓						5229
8.9	14	116	1176	9.3	50	49.9	✓	32.5518	✓			✓		✓	✓	✓		6212
13.3	15	117	1177	13.0	30	30.2	✓	31.9564	✓			✓		✓				6016
13.6	16	118	1178	13.6	20	21.1	✓	31.9543	✓			✓		✓				6018
13.6	17	119	1181	13.6	10	10.6	✓	31.9474	✓			✓		✓	✓	✓		6051
13.7	18	120	1182	13.6	0	21.0	✓	31.9466	✓			✓		✓				6047
	19																	
	20																	
	21																	
	22																	
	23																	

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 13Cast # up: 14

Time LOC UTC

Begin: 0756Bottom: 0816

End:

START POSITION (GPS)

LAT: 49 27 770LONG: 127 28 473

BOTTOM POSITION (GPS)

LAT: 49 27 594LONG: 127 28 653

END POSITION (GPS)

LAT:

LONG:

Comments:

BOTTLE #9 LEAKS A BIT AT BOTTOM

All Tripped OK

Rosette Log

CRUISE ID: 9638
STATION NAME: LJO4

UTC DATE y/m/d: 961004
CAST NO.: 17/18

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	CTD OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC	phyl	Serial #	°C / dbar
1	121		6.8	150	143.8	✓33.8982	✓				✓							1552
2	122		6.8	125	124.7	✓33.8911	✓				✓							1489
3	123		7.2	100	100.5	✓33.7098	✓				✓							2.823
4	124		7.6	75	73.7	✓33.2822	✓				✓							3380
5	125		8.2	50	49.3	✓32.8282	✓				✓		✓	✓	✓			4351
6	126		10.0	30	29.7	✓32.2818	✓				✓		✓					5.514
7	127		10.6	20	21.5	✓32.0810	✓				✓		✓					6.094
8	128		12.1	10	9.2	✓32.0139	✓				✓		✓	✓	✓			6.105
9	129		12.1	0	0.7	✓32.0011	✓				✓		✓					6.104
10																		
11																		
12																		
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ENTERED BY:
CHECKED BY:

Bottom Depth: 165

Cast # down: 17
Cast # up: 18

Time	LOC	UTC
Begin:		1214
Bottom:		1219
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 35.59
LONG: 127 17.01

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LJ02

UTC DATE y/m/d: 96/00/4
CAST NO.: 21/22

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	phit	Serial #	°C / dbar
							OXY		C13		NUT		CHL					
1	130		9.4	79	71.6	✓ 32.5673	✓				✓							3.159
2	131		10.0	75	50.1	✓ 32.2164	✓				✓			✓	✓	✓		3.698
3	132		10.6	50	30.1	✓ 31.9522	✓				✓			✓				4.593
4	133		11.0	30	19.7	✓ 31.7845	✓				✓			✓				5.341
5	134		11.1	20	10.8	✓ 31.7296	✓				✓			✓	✓	✓		5.326
6	135		11.6	10	0	✓ 30.9532	✓				✓							5.868
7																		
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23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 84

Cast # down: 21
Cast # up: 22

Time	LOC	UTC
Begin:		1425
Bottom:		1428
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 42.93
LONG: 127 05.52

END POSITION (GPS)
LAT:
LONG:

Comments: only 4 chlorophylls done instead of 5 (surface value forgotten by Linda)

Rosette Log

CRUISE ID: 9638
STATION NAME: LJO1

UTC DATE y/m/d: 961004
CAST NO.: 24

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	CTD OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC	PH	Serial #	°C / dbar
1	136		10.0	55	54.5	✓ 32.2829	✓				✓							4.056
2	137		10.4	50	51.6	✓ 32.0907	✓				✓			✓	✓	✓		
3	138		10.8	30	29.9	✓ 31.8564	✓				✓			✓				
4	139		11.0	20	19.4	✓ 31.7472	✓				✓			✓				5.371
5	140		11.4	10	18.1	✓ 31.5671	✓				✓			✓	✓	✓		5.452
6	141		11.4	0	2.2	✓ 31.5338	✓				✓			✓				5.508
7																		
8																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 60

Cast # down: 23
Cast # up: 24

Time	LOC	UTC
Begin:		1504
Bottom:		1509
End:		1515

START POSITION (GPS)
LAT: 49 44.43
LONG: 127 02.68

BOTTOM POSITION (GPS)
LAT: 49 44.43
LONG: 127 02.66

END POSITION (GPS)
LAT: 49 44.45
LONG: 127 02.68

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LBP2

UTC DATE y/m/d: 96/10/05
CAST NO.: 28

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	ph ^H	Serial #	°C / dbar
1	142		9.0	100	90.3	✓32.6288	✓				✓							4.142
2	143		9.7	75	73.9	✓32.3611	✓				✓							4.415
3	144		10.3	50	48.8	✓32.0826	✓				✓		✓	✓	✓			4.801
4	145		10.6	30	29.5	✓31.9139	✓				✓		✓					5.163
5	146		10.9	20	19.4	✓31.8096	✓				✓		✓					5.465
6	147		11.0	10	10.3	✓31.7752	✓				✓		✓	✓	✓			5.812
7	148		11.6	0	2.0	✓31.5207	✓				✓		✓					6.635
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 115

Cast # down: 27
Cast # up: 28

Time LOC UTC
Begin:
Bottom: 0028
End:

START POSITION (GPS)
LAT: 5003.97
LONG: 12754.69

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LBP4UTC DATE y/m/d: 96/10/5
CAST NO.: 33SHIP: 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	ph	Serial #	°C / dbar
1	149	3.3		1100	1102.3	✓ 34.3794		✓			✓							363
2	150	3.6		1000	998.5	✓ 34.3314		✓			✓							338
3	151	4.0		800	798.4	✓ 34.2678		✓			✓							322
4	152	4.6		600	600.2	✓ 34.1220		✓			✓							323
5	153	5.2		500	498.6	✓ 34.0455		✓			✓							1658
6	154	5.9		400	397.4	✓ 33.9839		✓			✓							1592
7	155			300	297.7	✓ 33.9515		✓			✓						did not trip	
8	156	6.6		250	249.0	✓ 33.9355		✓			✓							1662
9	157	6.7		200	200.0	✓ 33.9067		✓			✓							1958
10	158	6.8		175	175.3	✓ 33.8932		✓			✓							2161
11	159	7.0		150	150.6	✓ 33.8152		✓			✓							3019
12	160	7.3		125	122.0	✓ 33.6473		✓			✓							3418
13	161	7.4		100	96.8	✓ 33.3042		✓			✓							4295
14	162		7.9	75	74.6	✓ 32.9850		✓			✓							4390
15	163		8.7	50	48.2	✓ 32.6748		✓			✓		✓	✓	✓			4715
16	164		9.7	30	30.1	✓ 32.3916		✓			✓		✓					4332
17	165		10.4	20	21.1	✓ 32.0486		✓			✓		✓					5049
18	166		11.5	10	8.4	✓ 31.9986		✓			✓		✓	✓	✓			5975
19	167		11.5	0	.9	31.7920		✓			✓		✓					7105
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 1030Cast # down: 32Cast # up: 33

Time LOC UTC

Begin: 0143Bottom: 0202

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 50 01.38LONG: 127 58.25

END POSITION (GPS)

LAT:

LONG:

Comments:

Teahiderrin

Rosette Log

CRUISE ID: LBP 6
STATION NAME: 9638

UTC DATE y/m/d: 96/10/05
CAST NO.: 36/37

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	C(1) OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC	Phyto	Serial #	°C / dbar
1	168	1154	4.3	650-20	685.0	34.1971		✓				✓						420
2	169	1155	4.5	600	598.3	34.1341		✓				✓						569
3	170	1157	4.6	500	500.6	34.1047		✓				✓						644
4	171	1160	5.2	400	400.6	34.0249		✓				✓						1169
5	172	1163	5.6	300	297.3	33.9630		✓				✓						1761
6	173	1164	6.1	250	247.5	33.9437		✓				✓						2163
7	174	1167	6.6	200	200.6	33.8795		✓				✓						3202
8	175	1168	6.7	175	177.9	33.8688		✓				✓						3233
9	176		7.1	150	149.7	33.8035		✓				✓						3215
10	177		7.5	125	125.4	33.6286		✓				✓						2796
11	178		7.5	100	98.4	33.2486		✓				✓					Root	4537
12	179		7.8	75	72.9	32.9607		✓				✓						4814
13	180		8.7	50	49.5	32.6195		✓				✓		✓	✓	✓		4796
14	181		10.4	30	30.5	32.3159		✓				✓		✓				5119
15	182		12.3	20	19.1	32.0035		✓				✓		✓				5656
16	183		12.7	10	9.3	31.9312		✓				✓		✓	✓	✓		5984
17	184	1181	12.8	0	1.5	31.9289		✓				✓		✓				6135
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 735

Cast # down: 36

Cast # up: 37

Time	LOC	UTC
Begin:		06:14
Bottom:		06:28
End:		07:00

START POSITION (GPS)		
LAT:		49 56.34
LONG:		128 05.65

BOTTOM POSITION (GPS)		
LAT:		49 56.74
LONG:		128 05.80

END POSITION (GPS)		
LAT:		49 57.67
LONG:		128 05.90

Comments: O2 # 178 shines for added before acid

Rosette Log

 CRUISE ID: 9638
 STATION NAME: LB78

 UTC DATE y/m/d: 96/10/5
 CAST NO.: 40/41
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	185		1.8	Bottom-25	2084.4	34.6031		✓				✓	✓				34.6028	1574
2	186		1.9	2000	1999.0	✓ 34.5865		✓				✓	✓				5866	1422
3	187		1.9	2000	2001.0	✓ 34.5866		✓				✓	✓				5864	1422
4	188		2.5	1500	1499.3	✓ 34.4980		✓				✓	✓				4981	678
5	189		3.1	1200	1197.1	✓ 34.4309		✓				✓	✓				4319	350
6	190		3.5	1000	998.8	✓ 34.3518		✓				✓	✓				3567	262
7	191		4.0	800	800.1	✓ 34.2555		✓				✓	✓				2561	289
8	192		4.4	600	599.7	✓ 34.1720		✓				✓	✓				1735	433
9	193		4.6	500	500.2	✓ 34.1174		✓				✓	✓				1198	619
10	194		4.9	400	398.8	✓ 34.0613		✓				✓	✓				0633	866
11	195		5.1	300	298.4	✓ 33.9090		✓				✓	✓					2063
12	196		5.6	250	250.8	✓ 33.9051		✓				✓	✓					2393
13	197		6.0	200	197.8	✓ 33.8955		✓				✓	✓					2629
14	198		6.4	175	171.5	✓ 33.8818		✓				✓	✓					2969
15	199		6.8	150	149.8	✓ 33.8599		✓				✓	✓					3370
16	200		7.1	125	124.8	✓ 33.7680		✓				✓	✓					3355
17	201		7.3	100	97.7	✓ 33.6642		✓				✓	✓				Pool	3281
18	202		7.6	75	74.8	✓ 33.3558		✓				✓	✓					3649
19	203		8.2	50	50.8	✓ 32.8944		✓				✓	✓	✓	✓	✓		4386
20	204		9.3	30	30.4	✓ 32.5319		✓				✓	✓	✓				4797
21	205		12.9	20	19.0	✓ 31.9600		✓				✓	✓	✓				5840
22	206		13.1	10	9.7	✓ 31.7186		✓				✓	✓	✓	✓	✓		6070
23	207		13.1	0	.7	✓ 31.9150		✓				✓	✓	✓				6153

ENTERED BY:

CHECKED BY:

Bottom Depth: 2075Cast # down: 40Cast # up: 41

Time LOC UTC

Begin: 1041Bottom: 1113

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4948.49LONG: 128 17.16

END POSITION (GPS)

LAT:

LONG:

 Comments: Note dup @ 2000 m Station not as deep as expected this will keep the numbering in order.
O2 sample 201 pool (has added before acid)

Rosette Log

CRUISE ID: 9638
STATION NAME: LI10UTC DATE y/m/d: 96/10/05
CAST NO.: 43SHIP: 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 #	°C / dbar
								OXY		C13		NUT		CHL	phy.			
1	208		1.8	bottom+15	2501.5	34.6279						✓						
2	209		1.9	2000	2002.3	34.5825						✓						
3	210		2.5	1500	1499.8	34.4911						✓						
4	211		3.1	1200	1200.3	34.4260						✓						
5	212		3.3	1000	995.9	34.3455						✓						
6	213		3.7	800	798.9	34.2561						✓						
7	214		4.2	600	599.8	34.1178						✓						
8	215		4.6	500	499.9	34.0588						✓						
9	216		5.1	400	399.6	33.9925						✓						
10	217		5.6	300	298.9	33.8922						✓						
11	218		6.1	250	250.8	33.8904						✓						
12	219		6.8	200	200.0	33.8739						✓						
13	220		7.1	175	175.5	33.8080						✓						
14	221		7.3	150	150.4	33.6897						✓						
15	222		7.7	125	125.1	33.3137						✓						
16	223		8.2	100	98.8	32.7498						✓						
17	224		9.2	75	73.0	32.5454						✓			✓			
18	225		10.9	50	48.9	32.3840						✓		✓	✓	✓		
19	226		14.8	30	28.9	32.0759						✓		✓	✓			
20	227		14.8	20	19.2	32.0813						✓		✓	✓			
21	228		14.8	10	9.9	32.0823						✓		✓	✓	✓		
22	229		14.9	0	1.5	32.0829						✓		✓				
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 2508Cast # down: 42Cast # up: 43

Time	LOC	UTC
Begin:		17:19
Bottom:		18:05
End:		18:52

START POSITION (GPS)	
LAT:	49 02 . 47
LONG:	127 55 . 64

BOTTOM POSITION (GPS)	
LAT:	49 02 . 76
LONG:	127 55 . 67

END POSITION (GPS)	
LAT:	49 03 . 18
LONG:	127 56 . 06

Comments:

Rosette Log

CRUISE ID:

9638

STATION NAME:

LH10

UTC DATE y/m/d:

96/10/05

CAST NO.:

45

SHIP:

Tally

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	230	1109	1.8	bottom+15	2344.2	✓ 34.6190		✓			✓							1756
2	231	1110	1.9	2000	1999.4	✓ 34.5864		✓			✓							1424
3	232	1114	2.6	1500	1498.1	✓ 34.4926		✓			✓							1618
4	233	1119	3.2	1200	1199.5	✓ 34.4293		✓			✓							335
5	234	1120	3.4	1000	1006.1	✓ 34.3699		✓			✓							619
6	235	1122	3.8	800	798.0	✓ 34.2597		✓			✓							1607
7	236	1126	4.2	600	602.7	✓ 34.1144		✓			✓							610
8	237	1128	4.6	500	500.0	✓ 34.0598		✓			✓							829
9	238	1130	4.8	400	401.3	✓ 33.9668		✓			✓							1426
10	239	1132	5.6	300	299.8	✓ 33.8935		✓			✓							2515
11	240	1133	6.2	250	249.9	✓ 33.7001		✓			✓							2850
12	241	1134	6.7	200	200.2	✓ 33.8844		✓			✓							2751
13	242	1135	7.1	175	175.7	✓ 33.8386		✓			✓							2836
14	243	1135	7.4	150	150.3	✓ 33.7610		✓			✓							2955
15	244	1137	7.8	125	124.9	✓ 33.4589		✓			✓							3579
16	245	1138	8.3	100	100.3	✓ 32.7723		✓			✓							5452
17	246	1139	8.8	75	75.2	✓ 32.5493		✓			✓				✓			6236
18	247	1141	11.5	50	49.3	✓ 32.3443		✓			✓			✓	✓	✓		6151
19	248	1142	14.6	30	31.1	✓ 32.0970		✓			✓			✓	✓			5930
20	249	1143	14.7	20	19.2	✓ 32.1032		✓			✓			✓	✓			5954
21	250	1144	14.8	10	9.6	✓ 32.0693		✓			✓			✓	✓	✓		5962
22	251	1146	14.8	0	1.2	32.0578		✓			✓			✓				5975
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 2357

Cast # down: 44

Cast # up: 45

Time LOC UTC

Begin: 2031

Bottom: 2106

End:

START POSITION (GPS)

LAT: 49 0 48

LONG: 127 36 34

BOTTOM POSITION (GPS)

LAT: 49 00 68

LONG: 127 35.46

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LH09UTC DATE y/m/d: 96/10/05CAST NO.: 46, 47SHIP: ENTERED BY: CHECKED BY:

Niskin No.	Sample No.	OXY. Flask	CTD OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	Phy		Serial #	°C / dbar
1	252		1.9	2000	2002.4	✓ 34.5942		✓				✓						1.474
2	253		2.5	1500	1499.6	✓ 34.5125		✓				✓				real.		.762
3	254		3.1	1200	1200.0	✓ 34.4313		✓				✓						.359
4	255		3.4	1000	999.6	✓ 34.3701		✓				✓						.271
5	256		3.9	800	799.1	✓ 34.2638		✓				✓						.290
6	257		4.1	600	599.4	✓ 34.1076		✓				✓						.629
7	258		4.4	500	500.1	✓ 34.0224		✓				✓						.962
8	259		4.6	400	400.4	✓ 33.9428		✓				✓						1.532
9	260		5.4	300	300.5	✓ 33.8845		✓				✓						2.592
10	261		5.9	250	249.0	✓ 33.8879		✓				✓						2.857
11	262		6.6	200	199.1	✓ 33.8709		✓				✓						3.287
12	263		6.9	175	173.6	✓ 33.8267		✓				✓						3.519
13	264		7.1	150	148.6	✓ 33.7484		✓				✓						3.679
14	265		7.6	125	123.6	✓ 33.4644		✓				✓						3.685
15	266		8.0	100	97.2	✓ 33.1202		✓				✓						4.263
16	267		9.0	75	73.7	✓ 32.5482		✓				✓			✓			6.020
17	268		11.6	50	49.3	✓ 32.3959		✓				✓		✓	✓	✓		6.244
18	269		14.7	30	30.0	✓ 32.0484		✓				✓		✓	✓			5.971
19	270		14.7	20	19.7	✓ 32.0526		✓				✓		✓	✓			5.960
20	271		14.8	10	9.8	✓ 32.0548		✓				✓		✓	✓	✓		5.965
21	272		14.8	0	1.2	✓ 32.0550		✓				✓		✓				5.970
22																		
23																		

Bottom Depth: 2030Cast # down: 46Cast # up: 47

Time	LOC	UTC
Begin:		2319
Bottom:		2350
End:		

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 49 05.34LONG: 127 28.03

END POSITION (GPS)

LAT: LONG: Comments:

Rosette Log

CRUISE ID: 9634
STATION NAME: L408UTC DATE y/m/d: 96/10/06
CAST NO.: 49SHIP:

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		Phy		
1	273	1008	2.0	BotH-25	1900.6	✓ 34.5776		✓				✓						1324
2	274		2.5	1500	1500.4	✓ 34.5105		✓				✓						749
3	275		3.1	1200	1200.6	✓ 34.4236		✓				✓						337
4	276		3.4	1000	999.2	✓ 34.3651		✓				✓						263
5	277		3.8	800	800.9	✓ 34.2468		✓				✓						383
6	278		4.2	600	600.0	✓ 34.1175		✓				✓						601
7	279		4.6	500	500.6	✓ 34.0544		✓				✓						853
8	280		4.7	400	400.1	✓ 33.9350		✓				✓						669
9	281		5.3	300	300.2	✓ 33.8887		✓				✓						2491
10	282		6.0	250	251.3	✓ 33.8922		✓				✓						2820
11	283	1040	6.6	200	199.3	✓ 33.8894		✓				✓						2659
12	284		6.8	175	176.9	✓ 33.8581		✓				✓						2902
13	285		7.1	150	147.9	✓ 33.7103		✓				✓						3757
14	286		7.5	125	123.5	✓ 33.5135		✓				✓						3692
15	287		7.7	100	99.5	✓ 33.0769		✓				✓						4436
16	288		8.3	75	73.0	✓ 32.6680		✓				✓						5800
17	289		11.1	50	48.5	✓ 32.4217		✓				✓		✓	✓	✓		6103
18	290	1084	13.8	30	29.5	✓ 31.9674		✓				✓		✓				5979
19	291		14.5	20	20.1	✓ 32.0101		✓				✓		✓				6054
20	292	1090	14.5	10	10.7	✓ 32.0129		✓				✓		✓	✓	✓		6048
21	293		14.5	0	.6	32.0129		✓				✓		✓				6053
22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 1916Cast # down: 48Cast # up: 49

Time	LOC	UTC
Begin:		0122
Bottom:		0154
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: <u>49 09.10</u>
LONG: <u>127 22.22</u>

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: 4406UTC DATE y/m/d: 96/10/06
CAST NO.: 53SHIP: 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	294		5.5	304-25	448.8	34.0388		/			/							1.117
2	295		5.7	400	399.6	34.0303		/			/							1.232
3	296		6.3	300	300.2	33.9850		/			/							1.682
4	297		6.4	250	250.4	33.9760		/			/							1.776
5	298		6.5	200	200.8	33.9649		/			/							1.864
6	299		6.7	175	173.9	33.9391		/			/							1.731
7	300		6.9	150	149.9	33.9204		/			/							1.865
8	301		7.1	125	125.0	33.8930		/			/							2.228
9	302		7.3	100	99.5	33.7422		/			/							3.115
10	303		7.5	75	74.6	33.5368		/			/							3.436
11	304		8.0	50	49.7	33.1252		/			/			✓	✓	✓		3.330
12	305		9.2	30	30.5	32.5769		/			/			✓				4.397
13	306		11.0	20	19.8	31.8782		/			/			✓				5.454
14	307		11.4	10	10.4	31.7864		/			/			✓	✓	✓		5.836
15	308		11.4	0	10.6	31.7772		/			✓			✓				6.156
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 477Cast # down: 52Cast # up: 53

Time	LOC	UTC
Begin:		0529
Bottom:		0538
End:		0541

START POSITION (GPS)		
LAT:	49	17 87
LONG:	127	10 89

BOTTOM POSITION (GPS)		
LAT:	49	17 87
LONG:	127	11 03

END POSITION (GPS)		
LAT:	49	17 87
LONG:	127	11 03

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: L404

UTC DATE y/m/d: 96/10/06
CAST NO.: 56/57

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		Phyt			
1	309	1178	6.9	bot - 25	123.9	✓ 33.8927		✓			✓							1.656
2	310	1181	7.1	100	100.5	✓ 33.8769		✓			✓							2.204
3	311	1182	7.3	75	75.3	✓ 33.6992		✓			✓							2.201
4	312	1183	7.6	50	50.6	✓ 33.3881		✓			✓		✓	✓	✓			3.135
5	313	1158!	8.4	30	30.0	✓ 32.9429		✓			✓		✓					3.554
6	314	1187	10.5	20	19.5	✓ 32.3411		✓			✓		✓					4.722
7	315	1189	11.8	10	9.8	✓ 32.0054		✓			✓		✓	✓	✓			5.972
8	316	1191	12.0	0	10.8	✓ 32.0201		✓			✓		✓					6.230
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 137

Cast # down: 56
Cast # up: 57

Time	LOC	UTC
Begin:		0757
Bottom:		0802
End:		0805

START POSITION (GPS)
LAT: 49 24 90
LONG: 126 58 63

BOTTOM POSITION (GPS)
LAT: 49 24 94
LONG: 126 50 54

END POSITION (GPS)
LAT: 49 24 90
LONG: 126 50 50

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: L H 02

UTC DATE y/m/d: 96/10/06
CAST NO.: 60/61

SHIP: JULY

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	317	1192	9.0	Bottom-10	50.9	✓ 32.7351		✓				✓		✓				2908
2	318	1193	10.5	30	30.8	✓ 31.8587		✓				✓		✓	✓	✓		4816
3	319	1194	10.7	20	21.0	✓ 31.7060		✓				✓		✓				5359
4	320	1195	11.1	10	10.8	✓ 31.6279		✓				✓		✓	✓	✓		5708
5	321	1196	11.2	0	1.5	31.5971		✓				✓		✓				5815
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 56

Cast # down: 60
Cast # up: 61

Time LOC UTC
Begin: 10 08
Bottom: 10 10
End: 10 20

START POSITION (GPS)
LAT: 49 32 135
LONG: 126 47 318

BOTTOM POSITION (GPS)
LAT: 49 32.16
LONG: 126 47.20

END POSITION (GPS)
LAT: 49 32 16
LONG: 126 47 20

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LG06UTC DATE y/m/d: 9/6/10/08
CAST NO.: 6169SHIP: Tully

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					Serial #	°C / dbar
							Salinity															
1	322		3.8	Bottom - 25	907.1	✓	34.3129		✓					✓						242		
2	323		4.0	800	802.4	✓	34.2597		✓					✓						271		
3	324		4.8	600	602.0	✓	34.1491		✓					✓						564		
4	325		5.1	500	500.7	✓	34.0986		✓					✓						732		
5	326		5.4	400	400.2	✓	34.0325		✓					✓						1113		
* 6	327		5.9	300	299.4	✓	33.9868		✓					✓								
7	328		6.1	275	274.9	✓	33.9835		✓					✓						1743		
8	329		6.6	200	201.2	✓	33.9500		✓					✓						2062		
9	330		6.9	175	175.2	✓	33.9302		✓					✓						2337		
10	331		7.1	150	150.1	✓	33.8821		✓					✓						2526		
11	332		7.4	125	125.3	✓	33.8252		✓					✓						2766		
12	333		7.6	100	101.0	✓	33.7259		✓					✓						2866		
13	334		7.6	75	74.9	✓	33.4119		✓					✓						3396		
14	335		8.0	50	50.1	✓	32.9047		✓					✓						4241		
15	336		8.9	30	29.9	✓	32.6561		✓					✓						4800		
16	337		11.0	20	20.4	✓	32.0624		✓					✓						5633		
17	338		11.7	10	9.9	✓	31.8256		✓					✓						6479		
18	339		12.0	0	1.1	✓	31.8318		✓					✓						6640		
19																						
20																						
21																						
22																						
23																						

Comments: Bottle 6 did not trip

ENTERED BY:

CHECKED BY: BPMBottom Depth: 974Cast # down: 68Cast # up: 69

Time LOC UTC

Begin: 0525Bottom: 0551End: 0621

START POSITION (GPS)

LAT: 49 03 45LONG: 127 01 30

BOTTOM POSITION (GPS)

LAT: 49 03 82LONG: 127 00 28

END POSITION (GPS)

LAT: 49 03 69LONG: 127 00 83

Rosette Log

CRUISE ID: 9638
STATION NAME: LG04UTC DATE y/m/d: 961008
CAST NO.: 72/73SHIP: 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	340		7.0	Bottom - 20	141.1	✓ 33.8298	✓											1353
2	341		7.6	100	100.6	✓ 33.7023	✓											3033
3	342		7.8	75	75.6	✓ 33.1570	✓											4582
4	343		8.4	50	48.3	✓ 32.6021	✓											6024
5	344		9.8	30	30.4	✓ 32.4879	✓											6382
6	345		11.7	20	20.2	✓ 32.1608	✓											5986
7	346		13.3	10	10.1	✓ 31.9735	✓											6299
8	347		13.3	0	2.9	✓ 31.9749	✓											6341
9			13.3		.7	31.9751												
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY: LMBottom Depth: 149Cast # down: 72Cast # up: 73

Time LOC UTC

Begin: 0818Bottom: 0822End: 0830

START POSITION (GPS)

LAT: 49 11 257LONG: 126 49 698

BOTTOM POSITION (GPS)

LAT: 49 11 236LONG: 126 49 765

END POSITION (GPS)

LAT: 49 11 187LONG: 126 49 960Comments: 9 bottles fired

Rosette Log

CRUISE ID: 9638
STATION NAME: 2602

UTC DATE y/m/d: 96/10/8
CAST NO.: 76/77

SHIP: Tacy

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	348		7.6	100	93.1			✓										2054
2	349		8.1	75	74.0	✓		✓										3001
3	350		8.6	50	50.6	✓		✓										4171
4	351		10.1	30	29.7	✓		✓										4656
5	352		10.5	20	19.3	✓		✓										5233
6	353			10	9.2	✓		✗										
7	354		12.0	0	.8	✓		✓										6391
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 102

Cast # down: 76
Cast # up: 77

Time	LOC	UTC
Begin:		1103
Bottom:		1107
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 18.84
LONG: 126 38.70

END POSITION (GPS)
LAT:
LONG:

Comments: bottle 6 did not close.

Rosette Log

CRUISE ID:

96 38

UTC DATE y/m/d:

96/10/08

SHIP:

STATION NAME:

LG01

CAST NO.:

28/29

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	355		8.5	50	50.7	✓ 32.8695	✓											3668
2	356		9.6	30	30.2	✓ 32.1310	✓											3895
3	357		10.5	20	20.0	✓ 31.7829	✓											4840
4	358		11.4	10	10.2	✓ 31.4456	✓											5439
5	359		11.9	0	1.1	✓ 31.2180	✓											6203
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bm

Bottom Depth: 56

Cast # down: 78

Cast # up: 79

Time LOC UTC

Begin: 1141

Bottom: 1143

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 20.48

LONG: 126 35.15

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 96-38
STATION NAME: LD08UTC DATE y/m/d: 96/10/09
CAST NO.: 83

SHIP:

Niskin No.	Sample No.	OXY. Flask	CTD OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	355		4.3	768	750.8	✓ 34.2416	✓						✓					291
2	356		4.8	800	597.9	✓ 34.1494	✓						✓					526
3	357		5.3	500	499.1	✓ 34.0754	✓						✓					926
4	358		5.7	400	398.0	✓ 34.0244	✓						✓					1272
5	359		6.2	300	301.5	✓ 33.9904	✓						✓					1683
6	360		6.4	250	248.8	✓ 33.9690	✓						✓					1853
7	361		6.7	200	199.6	✓ 33.9371	✓						✓					2097
8	362		7.0	175	174.3	✓ 33.9116	✓						✓					2238
9	363		7.2	150	150.3	✓ 33.8829	✓						✓					2307
10	364		7.5	125	123.7	✓ 33.8037	✓						✓					2520
11	365		7.6	100	99.6	✓ 33.5732	✓						✓					2665
12	366		8.2	75	75.4	✓ 33.2403	✓						✓					2351
13	367		8.4	50	49.9	✓ 32.6537	✓						✓					5592
14	368		10.2	30	29.9	✓ 32.3777	✓						✓					5812
15	369		11.4	20	19.7	✓ 32.1153	✓						✓					6028
16	370		12.3	10	10.0	✓ 31.9767	✓						✓					6334
17	371		13.2	0	.9	31.9264												6732
18																		
19																		
20																		
21																		
22																		
23																		

Comments: 10 m above bottom.

ENTERED BY:

CHECKED BY: B.M.Bottom Depth: 758Cast # down: 82Cast # up: 83

Time LOC UTC

Begin:

Bottom: 0152

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 39.16LONG: 126 23.10

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: 9638
STATION NAME: LD06UTC DATE y/m/d: 96/10/09
CAST NO.: 87SHIP: 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	372		6.9	60# +5	130.0	33.8767		✓										1.435
2	373		6.9	125	124.7	33.8775		✓										1.447
3	374		7.3	100	99.8	33.8259		✓										2.345
4	375		7.6	75	75.8	33.5243		✓										1.938
5	376		8.0	50	49.9	33.2969		✓										2.205
6	377		8.6	30	29.3	32.9728		✓										3.044
7	378		9.4	20	19.1	32.6144		✓										3.938
8	379		10.9	10	9.3	32.2073		✓										5.600
9	380		11.6	0	0	32.1709		✓										6.589
10																		
11																		
12																		
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ENTERED BY:
CHECKED BY:Bottom Depth: 139Cast # down: 86Cast # up: 87

Time	LOC	UTC
Begin:		04:04
Bottom:		04:10
End:		04:17

START POSITION (GPS)	
LAT:	48 46.24
LONG:	126 10.31

BOTTOM POSITION (GPS)	
LAT:	48 46.33
LONG:	126 10.25

END POSITION (GPS)	
LAT:	48 46.39
LONG:	126 10.32

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LOCH

UTC DATE y/m/d: 96/10/09
CAST NO.: 91

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	381		9.1	Bot +5	55.8	32.2469		/										3.367
2	382		9.3	50	50.7	32.1514		/										3.653
3	383		9.7	30	30.7	31.9791		/										4.484
4	384		10.4	20	20.8	31.9825		/										5.054
5	385		10.8	10	10.3	31.6140		/										5.601
6	386		11.9	0	1.8	31.3815		/										7.050
7																		
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23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 65

Cast # down: 88 90

Cast # up: 89 91

Time	LOC	UTC
Begin:		06:05
Bottom:		06:08
End:		06:12

START POSITION (GPS)
LAT: 48 53.16
LONG: 125 56.98

BOTTOM POSITION (GPS)
LAT: 48 53.18
LONG: 125 56.96

END POSITION (GPS)
LAT: 48 53.22
LONG: 125 56.95

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LD02

UTC DATE y/m/d: 96/10/9
CAST NO.: 95

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	387		9.4	Bottom-10	39.4	32.2968		X										2.770
2	388		9.6	30	30.1	32.1271		X										3.104
3	389		10.2	20	20.1	31.7381		X										4.497
4	390		11.1	10	10.4	31.4896		X										4.866
5	391		12.1	0	1.8	31.2349		X										6.506
6																		
7																		
8																		
9																		
10																		
11																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 45

Cast # down: 94

Cast # up: 95

Time	LOC	UTC
Begin:		0809
Bottom:		0812
End:		0816

START POSITION (GPS)		
LAT:	48 58	385
LONG:	125 47	203

BOTTOM POSITION (GPS)		
LAT:	48 58	388
LONG:	125 47	170

END POSITION (GPS)		
LAT:	48 58	371
LONG:	125 47	170

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LC 01

UTC DATE y/m/d: 96/10/9
CAST NO.: 99

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			9.3	50	50.5	✓													
2			9.3	50	52.3	✓													
3	392		9.3	50	51.4	✓	32.2345					✓		✓					
4	393		9.4	30	31.1	✓	32.0498					✓		✓					
5	394		9.9	20	20.8	✓	32.0184					✓		✓					
6	395		11.1	10	11.0	✓	31.9859					✓		✓					
7	396		12.0	0	2.1	✓	30.6613					✓		✓					
8																			
9																			
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23																			

ENTERED BY:
CHECKED BY:

Bottom Depth: 97

Cast # down: 98
Cast # up: 99

Time	LOC	UTC
Begin:		1037
Bottom:		1043
End:		1048

START POSITION (GPS)
LAT: 48 50 575
LONG: 125 27 98

BOTTOM POSITION (GPS)
LAT: 48 50 56
LONG: 125 27 98

END POSITION (GPS)
LAT: 48 50 58
LONG: 125 27 98

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: L02

UTC DATE y/m/d: 96/10/9
CAST NO.: 101

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
							OXY		C13		NUT		CHL					
1	397		7.7	100	102.4	✓ 33.4861		✓										1757
2	398		8.5	75	75.0	✓ 32.9361		✓										2924
3	399		9.4	50	50.8	✓ 32.7012		✓			✓		✓					3678
4	400		10.4	30	31.2	✓ 32.3610		✓			✓		✓					4460
5	401		11.2	20	19.8	✓ 32.1196		✓			✓		✓					4676
6	402		12.0	10	9.8	✓ 31.9186		✓			✓		✓					5244
7	403		13.3	0	1.2	✓ 31.6400		✓			✓		✓					6840
8																		
9																		
10																		
11																		
12																		
13																		
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ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 100
Cast # up: 101

Time	LOC	UTC
Begin:		1130
Bottom:		1133
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 48.69
LONG: 125 31.15

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LC04

UTC DATE y/m/d: 96/10/9
CAST NO.: 105

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	404		7.5	167	158.8	✓ 33.6030	✓				✓							1701
2	405		7.5	150	150.0	✓ 33.5940	✓				✓							1698
3	406		7.6	125	124.7	✓ 33.5282	✓				✓							1865
4	407		7.7	100	99.7	✓ 33.4457	✓				✓							1998
5	408		7.9	75	74.3	✓ 33.3893	✓				✓							2269
6	409		8.2	50	49.8	✓ 33.1573	✓				✓			✓				2508
7	410		9.6	30	29.9	✓ 32.7067	✓				✓			✓				4032
8	411		10.0	20	20.5	✓ 32.3214	✓				✓			✓				3725
9	412		10.9	10	10.1	✓ 31.8518	✓				✓			✓				4861
10	413		12.2	0	1.1	✓ 31.8319	✓				✓			✓				6228
11																		
12																		
13																		
14																		
15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: B.M.

Bottom Depth: 167

Cast # down: 104

Cast # up: 105

Time	LOC	UTC
Begin:		
Bottom:	1309	
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 43.30
LONG: 125 41.12

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9638

STATION NAME:

LC07

UTC DATE y/m/d:

96/10/09

CAST NO.:

112

SHIP:

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 #	°C / dbar
1	414		6.9	bot -5	120.6	✓ 33.8475		✓			✓							1073
2	415		6.9	100	101.1	✓ 33.8375		✓			✓							1102
3	416		7.2	75	71.2	✓ 33.7277		✓			✓							1676
4	417		7.9	50	52.0	✓ 33.3590		✓			✓		✓					2321
5	418		9.6	30	31.0	✓ 32.6580		✓			✓		✓					3680
6	419		10.5	20	21.0	✓ 32.2604		✓			✓		✓					4758
7	420		11.9	10	9.7	✓ 31.8863		✓			✓		✓					6335
8	421		12.0	0	1.5	✓ 31.8837		✓			✓		✓					6669
9																		
10																		
11																		
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ENTERED BY:

CHECKED BY:

Bottom Depth: 130

Cast # down: 111

Cast # up: 112

Time LOC UTC

Begin: 16:19

Bottom: 16:23

End: 16:26

START POSITION (GPS)

LAT: 48 32.91

LONG: 126 00.64

BOTTOM POSITION (GPS)

LAT: 48 32.87

LONG: 126 00.65

END POSITION (GPS)

LAT: 48 32.87

LONG: 126 00.63

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LCO8

UTC DATE y/m/d: 96/10/09
CAST NO.: 114

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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1	422		6.6	BoH+5	187.8	✓	33.9302							✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

ENTERED BY:
CHECKED BY:

Bottom Depth: 203

Cast # down: 113

Cast # up: 114

Time	LOC	UTC
Begin:		17:17
Bottom:		17:23
End:		17:32

START POSITION (GPS)
LAT: 48 29.16
LONG: 126 07.24

BOTTOM POSITION (GPS)
LAT: 48 28.99
LONG: 126 07.33

END POSITION (GPS)
LAT: 48 28.79
LONG: 126 07.44

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LC09UTC DATE y/m/d: Oct. 9, 96
CAST NO.: 115/116SHIP: 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 #	°C / dbar	
								OXY		C13		NUT		CHL						
1	433		4.4	bot - 15	608.0	✓	34.1834		✓				✓						.396	
2	434		5.0	500	500.0	✓	34.0949		✓				✓						?	
3	435		5.6	400	401.0	✓	34.0373		✓				✓						1.188	
4	436		6.1	300	301.5	✓	33.9919		✓				✓						1.632	
5	437		6.3	250	250.4	✓	33.9573		✓				✓						2.041	
6	438		6.9	200	199.2	✓	33.9209		✓				✓						2.203	
7	439		7.0	175	176.0	✓	33.9040		✓				✓						2.265	
8	440		7.2	150	151.0	✓	33.8777		✓				✓						2.381	
9	441		7.5	125	121.7	✓	33.7967		✓				✓						2.694	
10	442		7.7	100	100.4	✓	33.6272		✓				✓						2.649	
11	443		7.6	75	73.4	✓	33.2745		✓				✓						3.012	
12	444		8.1	50	50.1	✓	32.7882		✓				✓		✓				5.282	
13	445		9.8	30	29.7	✓	32.4863		✓				✓		✓				6.168	
14	446		11.0	20	19.4	✓	32.1918		✓				✓		✓				5.805	
15	447		12.6	10	9.7	✓	31.9459		✓				✓		✓				6.353	
16	448		13.2	0	-0.1	✓	31.9247		OUT OF WATER WHEN FIRED NO SAMPLE											
17																				
18																				
19																				
20																				
21																				
22																				
23																				

ENTERED BY:
CHECKED BY:Bottom Depth: 630Cast # down: 115Cast # up: 116

Time	LOC	UTC
Begin:		<u>18:36</u>
Bottom:		<u>18:41</u>
End:		<u>18:52</u>

START POSITION (GPS)		
LAT:	<u>48 25</u>	<u>79</u>
LONG:	<u>126 13</u>	<u>86</u>

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:	<u>48 25</u>	<u>36</u>
LONG:	<u>126 14</u>	<u>23</u>

Comments:

No surface sample, rosette was hauled up by heave comp as bottle 16 was fired. This was not discovered until after leaving station.

Rosette Log

CRUISE ID: 9638
STATION NAME: L812UTC DATE y/m/d: 96/10/10
CAST NO.: 122SHIP: 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	449		5.3	Bottom -10	500.7	✓34.0759	✓						✓					.845
2	450		6.0	400	400.0	✓34.0078	✓						✓					1517
3	451		6.5	300	299.5	✓33.9704	✓						✓					1.821
4	452		6.7	250	249.0	✓33.9559	✓						✓					1784
5	453		6.9	200	200.4	✓33.9432	✓						✓					1.802
6	454		6.9	175	174.7	✓33.9353	✓						✓					1710
7	455		7.0	150	149.2	✓33.9190	✓						✓					2.064
8	456		7.2	125	124.1	✓33.8906	✓						✓					2.057
9	457		7.4	100	100.1	✓33.8472	✓						✓					2.390
10	458		7.6	75	74.1	✓33.7477	✓						✓					2.446
11	459		8.2	50	49.3	✓33.3550	✓						✓					3.231
12	460		8.6	30	30.1	✓32.8972	✓						✓					4.582
13	461		9.4	20	19.4	✓32.5079	✓						✓					5.275
14	462		10.8	10	10.7	✓32.1339	✓						✓					5.506
15	463		13.3	0	1.1	✓31.7540	✓						✓					6.669
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 509Cast # down: 121Cast # up: 122

Time	LOC	UTC
Begin:		<u>0014</u>
Bottom:		<u>0023</u>
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: <u>4812.79</u>
LONG: <u>12551.88</u>

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LB11

UTC DATE y/m/d: 96/10/10
CAST NO.: 124

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	4634		6.8	Bottom - 10	200.2	✓ 33.9398	✓											1.660
2	464		6.8	200	200.4	✓ 33.9404	✓											1.718
3	465		6.9	175	174.2	✓ 33.9246	✓											1.619
4	466		7.1	150	150.9	✓ 33.8951	✓											1.480
5	467		7.2	125	124.2	✓ 33.8729	✓											1.845
6	468		7.5	100	99.2	✓ 33.8106	✓											2.283
7	469		7.9	75	74.7	✓ 33.5701	✓											2.670
8	470		8.3	50	51.0	✓ 33.2438	✓											3.561
9	471		8.7	30	30.0	✓ 32.7874	✓											4.773
10	472		9.8	20	20.0	✓ 32.3700	✓											5.108
11	473		13.0	10	9.5	✓ 31.7350	✓											6.304
12	4745		13.0	0	1.2	✓ 31.7420	✓											6.671
13																		
14																		
15																		
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20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 210

Cast # down: 123
Cast # up: 124

Time	LOC	UTC
Begin:		
Bottom:		2119
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 15.11
LONG: 125 47 69

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: L309

UTC DATE y/m/d: 96/10/10
CAST NO.: 128

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	476		6.8	Bottom + 5	139.7	✓ 33.8871	✓											7.26
2	477		6.9	125	125.1	✓ 33.8473	✓											1.135
3	478		7.0	100	100.0	✓ 33.8116	✓											1.155
4	479		7.1	75	75.4	✓ 33.7593	✓											1.410
5	480		7.8	50	50.1	✓ 33.5587	✓											2.908
6	481		8.4	30	29.6	✓ 33.1778	✓											2.591
7	482		9.3	20	20.8	✓ 32.7287	✓											3.044
8	483		11.9	10	10.4	✓ 31.9909	✓											6.487
9	484		12.3	0	1.4	31.8142	✓											6.860
10																		
11																		
12																		
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22																		
23																		

ENTERED BY:
CHECKED BY: BSM

Bottom Depth: 152

Cast # down: 127

Cast # up: 128

Time	LOC	UTC
Begin:		03:06
Bottom:		03:10
End:		03:17

START POSITION (GPS)	
LAT:	48 22 .11
LONG:	125 34 .97

BOTTOM POSITION (GPS)	
LAT:	48 22 .19
LONG:	125 34 .96

END POSITION (GPS)	
LAT:	48 22 .37
LONG:	125 34 .96

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LB08

UTC DATE y/m/d: 96/10/10
CAST NO.: 130

SHIP: TULLY

ENTERED BY:
CHECKED BY: BSM

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	485		6.9	Bottom + 10	145.2	✓ 33.8499	✓											941
2	486		6.9	100	99.4	✓ 33.8281	✓											1033
3	487		7.2	75	75.1	✓ 33.7235	✓											1519
4	488		7.9	50	49.7	✓ 33.3833	✓											2346
5	489		9.4	30	30.0	✓ 32.8626	✓											3000
6	490		11.2	20	19.9	✓ 32.2484	✓											4437
7	491		12.3	10	10.6	✓ 32.0228	✓											6086
8	492		12.4	0	1.2	✓ 32.0227	✓											6385
9																		
10																		
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23																		

Bottom Depth: 145

Cast # down: 129

Cast # up: 130

Time	LOC	UTC
Begin:		0407
Bottom:		0412
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 25.39

LONG: 125 28.73

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9638
STATION NAME: LB06

UTC DATE y/m/d: 96/10/10
CAST NO.: 132

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	493		7.0	Bott ±10	111.0	✓	33.8198		✓										1.367	
2	494		7.4	75	73.8	✓	33.7191		✓										1.929	
3	495		7.8	50	48.3	✓	33.5315		✓										2.558	
4	496		8.5	30	30.7	✓	33.0754		✓										3.134	
5	497		9.4	20	20.5	✓	32.7222		✓										3.732	
6	498		11.3	10	10.6	✓	31.9386		✓										3.939	
7	499		12.5	0	1.6	✓	31.9076		✓										6.140	
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23																				

ENTERED BY:
CHECKED BY: B.M.

Bottom Depth: 118

Cast # down: 131

Cast # up: 132

Time	LOC	UTC
Begin:		5:35
Bottom:		5:38
End:		5:43

START POSITION (GPS)
LAT: 48 32.14
LONG: 125 15.58

BOTTOM POSITION (GPS)
LAT: 48 32.16
LONG: 125 15.61

END POSITION (GPS)
LAT: 48 32.23
LONG: 125 15.62

Comments: