

Rosette Log

CRUISE ID: 9836
STATION NAME: LG01UTC DATE y/m/d: 98/10/06
CAST NO.: 0001SHIP: JP TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure		
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Phyto	end pt oxy Serial #	°C / dbar
1	1	713		50.2	48	✓		✓				✓		✓				1.509 + .156	.665
2	2	715		30	30	✓		✓				✓		✓				1.675	
3	3	724		20	20.4	✓		✓				✓		✓				1.956	
4	4	726		10	10.0	✓		✓				✓		✓		2		1.041	
5	5	727		0	2.6	✓		✓				✓		✓			✓	1.028	
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
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20																			
21																			
22																			
23																			

ENTERED BY: DLM
CHECKED BY: DLMBottom Depth: 53 mCast # down: 98360001
Cast # up: 98360001Time LOC(PDT) UTC
Begin: 0540 1240
Bottom: 0545 1245
End: 0549 1249START POSITION (GPS)
LAT: 49° 20.49
LONG: 126° 35.0BOTTOM POSITION (GPS)
LAT:
LONG:END POSITION (GPS)
LAT:
LONG:

Comments: Sample #1 oxy - hit any key to stop titration to remove bubble, then spacebar to continue - titrated 0.509 ml but not finished. Re-started appended file - end pt dosage 0.156 more.

Rosette Log

CRUISE ID: 9836
STATION NAME: LG02UTC DATE y/m/d: 98/10/06
CAST NO.: 0002SHIP: 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		end pt oxy Serial #	°C / dbar
1	6	730		Bott-5	95	✓											0.466	
2	7	1090		75	74	✓											0.498	
3	8	1103		50	49.8	✓											0.535	
4	9	1104		30	29.4	✓											NO OXY	
5	10	1105		20	19.5	✓											0.766	
6	11	735		10	10.4	✓											0.879	
7	12	732		0	2.0	✓											0.843	
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DLM
CHECKED BY: DLMBottom Depth: 100Cast # down: 0002

Cast # up:

Time LOC(Port)UTC
Begin: 1332
Bottom: 0636 1336
End: 1344START POSITION (GPS)
LAT: 49 18.7
LONG: 126 38.1BOTTOM POSITION (GPS)
LAT: 49 18.73
LONG: 126 38.13END POSITION (GPS)
LAT:
LONG:

Comments:

OK

Rosette Log

CRUISE ID: 9836
STATION NAME: LG03

UTC DATE y/m/d: 98/10/6
CAST NO.: 4

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	CI3	ALK	NUT	SAL	CHL	POC		end pt. oxy	Serial # °C / dbar
1	13	1045		B-5	113	✓		✓				✓	✓				0.423	
2	14	1106		90	90	✓		✓				✓	✓				0.383	
3	15	1062		50	50	✓		✓				✓	✓				0.838	
4	16	1110		40	40	✓		✓				✓	✓				0.525	
5	17			40	40	✓												
6	18	1113		25	25.5	✓		✓				✓	✓				0.768	
7	19			15	15.1	✓	PAR ~ 3.5	✓				✓	✓				1.008	
8	20			15	15.2	✓												
9	21	1119		5	5.7	✓		✓				✓	✓				1.022	
10	22			2	3.0		PAR ~ 50											
11	23			2	3.2													
12	24	1128		0	1.9		PAR ~ 85						✓				1.000	
13	25			0	1.9			✓				✓	✓					
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 112

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom: ~1537
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 49 15.04
LONG: 126 43.7

END POSITION (GPS)
LAT:
LONG:

Comments:

%I₀ Z (m)
55
30
10
3
1

Rosette Log

CRUISE ID: 9836
STATION NAME: LG07UTC DATE y/m/d: 98/10/06
CAST NO.: 5SHIP: 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	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC		End of Oxy Serial#	°C / dbar
1	26	84		3-10				✓					✓				0.057	
2	27	97		800				✓					✓				0.048	
3	28	255		600				✓					✓				0.086	
4	29	333		500				✓					✓				0.152	
5	30	337		400				✓									0.246	
6	31	364		300				✓									0.328	
7	32	392		250				✓									0.371	
8	33	412		200				✓									0.374	
9	34	425		175				✓									0.399	
10	35	534		150				✓									0.376	
11	36	443		125				✓									0.563	
12	37	463		100				✓									0.668	
13	38	467		75				✓									0.564	
14	39	486		50				✓									1.078	
15	40	509		40				✓									1.108	
16	41			40														
17	42	535		25				✓									1.085	
18	43	572		15				✓									1.122	
19	44			15														
20	45	578		5				✓									1.119	
21	46	588		2				✓									1.127	
22	47			2														
23	48			2														

Comments: 49ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: IOS 9834
STATION NAME: LG 06UTC DATE y/m/d: 98/10/6
CAST NO.: 8SHIP: 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		end oxy pt Serial #	°C / dbar
1	47	713		B-25	942	✓		✓					✓				0.055	
2	48	715		750	750	✓		✓					✓				0.087	
3	49	724		500	500	✓		✓									0.203	
4	50	726		400	398	✓		✓									0.262	
5	51	727		300	300	✓		✓									0.326	
6	52	730		250	250	✓		✓									0.358	
7	53	1090		200	200	✓		✓									0.386	
8	54	1103		175	175	✓		✓									0.366	
9	55	1104		150	150	✓		✓									0.394	
10	56	1105		125	125	✓		✓									0.444	
11	57	735		100	100	✓		✓									0.574	
12	58	732		75	75	✓		✓									0.754	
13	59	1045		50	50	✓		✓									0.978	
14	60	1106		30	30	✓		✓									0.991	
15	61	1062		20	20	✓		✓									1.080	
16	62	1110		10	10	✓		✓									NO TR P #16	
17	63	1113		0	2	✓		✓					✓				1.006	
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DLMCHECKED BY: DLMBottom Depth: 990Cast # down: 0008

Cast # up:

Time LOC ~~PT~~ UTCBegin: 1658 2358Bottom: 0012/7

End:

START POSITION (GPS)

LAT: 49 03.35LONG: 127 01.1

BOTTOM POSITION (GPS)

LAT: 49 03.35LONG: 127 00 90

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

19836

UTC DATE y/m/d:

98/10/07

SHIP: TULLY

STATION NAME:

LG5

CAST NO.:

10

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		and pt. oxy	Serial # °C / dbar
1	64	1114		8-10	250	✓		✓			✓	✓					0.336	
2	65	1119		200	200	✓		✓			✓	✓					0.363	
3	66	1120		150	149	✓		✓			✓						0.394	
4	67	1132		100	100	✓		✓			✓						0.457	
5	68	1133		75	75	✓		✓			✓						0.588	
6	69	734		50	50	✓		✓			✓		✓				0.742	
7	70	1126		30	30.5	✓		✓			✓		✓				0.862	
8	71	1130		20	19.5	✓		✓			✓		✓				1.025	
9	72	1110		10	9.9	✓		✓			✓		✓		✓		1.000	
10	73	709		0	2.2	✓		✓			✓	✓	✓		✓		1.084	
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 27.5

Cast # down: ∞.10

Cast # up:

Time LOC UTC

Begin:

Bottom: 6 0205

End: 0219

START POSITION (GPS)

LAT: 49 07.4

LONG: 126 55.2

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 705 9836
STATION NAME: LG 04

UTC DATE y/m/d: 98/10/07
CAST NO.: 211 0011

SHIP: JP 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	NH4	end pt ox pt Serial #	°C / dbar
1	74	84		B-5	140			✓				✓	✓				0.365	
2	75	97		125	124			✓				✓	✓				0.340	
3	76	255		100	100			✓				✓					0.341	
4	77	333		75	75			✓				✓					0.434	
5	78	337		50	49			✓				✓		✓			0.637	
6	79	364		30	30			✓				✓		✓			0.590	
7	80	392		20	20			✓				✓		✓			1.106	
8	81	412		10	9			✓				✓		✓		✓	1.117	
9	82	425		0	2			✓				✓	✓	✓		✓	1.132	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: ~146

Cast # down:
Cast # up:

Time LOC UTC
Begin: 0304
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: IOS 9836
STATION NAME: LBP 06UTC DATE y/m/d: 98/10/07
CAST NO.: 10014SHIP: 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	NH4	end pt oxy Serial #	°C / dbar
1	83	1134		B-25	798	✓		✓			✓	✓					0.070	
2	84	1135		B-25	796	✓		✓				✓	✓				0.051	
3	85	1136		700	698	✓		✓			✓	✓					0.053	
4	86	1137		600	601	✓		✓			✓	✓					0.068	
5	87	1138		500	501	✓		✓			✓	✓					0.112	
6	88	1139		400	400	✓		✓			✓						0.178	
7	89	1141		300	301	✓		✓			✓						0.317	
8	90	1143		250	248	✓		✓			✓						0.399	
9	91	1153		200	199	✓		✓			✓						0.407	
10	92	1154		175	175	✓		✓			✓						0.390	
11	93	1155		150	150	✓		✓			✓						0.519	
12	94	1148		125	124	✓		✓			✓						0.514	
13	95	1150		100	99	✓		✓			✓						0.587	
14	96	1152		75	73	✓		✓			✓						0.637	
15	97	1142		50	50	✓		✓			✓		✓				0.739	
16	98	1144		30	29	✓		✓			✓		✓				no trip	
17	99	1146		20	19.5	✓		✓			✓		✓				0.867	
18	100	1157		10	10	✓		✓			✓		✓		✓		1.012	
19	101	458		0	2.5			✓			✓		✓			✓	0.985	
20																		
21																		
22																		
23																		

ENTERED BY: DLM
CHECKED BY:Bottom Depth: 825Cast # down: 0014

Cast # up:

Time LOC UTC
Begin: 13:20
Bottom: 13:34
End: 14:07START POSITION (GPS)
LAT: 49 56.25
LONG: 128 05.42BOTTOM POSITION (GPS)
LAT: 49 56.26
LONG: 128 05.58END POSITION (GPS)
LAT:
LONG:Comments: Duplicates @ bottom to maintain label sequence. Rosette slot #16 did not release

Rosette Log

CRUISE ID: 9836
STATION NAME: BPTUTC DATE y/m/d: 98/10/7
CAST NO.: 0016SHIP: 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	CI3	ALK	NUT	SAL	CHL	POC		end pt. oxy	Serial # °C / dbar
1	102	534		1000		✓		✓									0.060	
2	103	443		800		✓		✓									0.058	
3	104	463		500		✓		✓									0.130	
4	105	467		300	299	✓		✓									0.318	
5	106	486		200	199	✓		✓									0.541	
6	107	509		150	150	✓		✓									0.492	
7	108	535		125	124	✓		✓									0.536	
8	109	572		100	99	✓		✓									0.637	
9	110	578		75	74.9	✓		✓									0.717	
RS 10	111	588		40	39.4	✓		✓									0.851	
RS 11	112			40		✓												
12	113			40		✓												
13	114			40		✓												
14	115	597		25	25.6	✓		✓									0.765	
15	116	632		15	14.8	✓		✓									1.099	
16	117			15		✓											Did not trip	
17	118			15		✓												
18	119	638		5	4.8	✓		✓									1.088	
19	120			5		✓												
20	121			2	2	✓												
21	122			2		✓												
22	123	641		0		✓		✓									1.102	
23	124	115		0		✓												

Comments: 124/6 did not tripENTERED BY: Diana
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End: 16:26

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: 9836
STATION NAME: LBP5

UTC DATE y/m/d: 98/10/7
CAST NO.: 18

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure			
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC				end pt oxy	Serial #
1	126	713		1000	1000				✓				✓	✓					.066	
2	127	715		800	796				✓					✓					.057	
3	128	724		600	599				✓										.080	
4	129	726		500	500				✓										.139	
5	130	727		400	400				✓										.228	
6	131	730		300	301				✓										.325	
7	132	1090		250	252				✓										.352	
8	133	1103		200	200				✓										.353	
9	134	1104		175	174				✓										.382	
10	135	1105		150	150				✓										.440	
11	136	735		125	125				✓										.560	
12	137	—		100	100				✓										no 137 oxy	
13	138	1045		75	75				✓										.774	
14	139	1106		50					✓						✓				.849	
15	140	1062		30					✓						✓				.971	
16			141	20															Didn't trip	
17	141	1119	142	20					✓						✓		✓		.971	
18	142	709	143	10					✓				✓		✓		✓		1.022	
19	143	1114	144	0					✓				✓		✓				0.964	
20																				
21																				
22																				
23																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 1292

Cast # down:
Cast # up:

Time LOC UTC
Begin: 1810
Bottom:
End:

START POSITION (GPS)
LAT: 50 0.0
LONG: 128 0.0

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments: No #137 oxy sample drawn

sample order in box
140
142
143
141

Rosette Log

CRUISE ID: 9836
STATION NAME: LBPO4

UTC DATE y/m/d: 98/10/07
CAST NO.: 19

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					end pt oxy
1	144	1183		1000		✓							✓	X					0.066	
2	145	1187		800		✓								X					0.059	
3	146	1188		600		✓								X					0.086	
4	147	1189		500		✓								X					0.168	
5	148	1190		400		✓													0.266	
6	149	1191		300		✓													0.363	
7	150	1192		250		✓													0.396	
8	151	1193		200		✓													0.406	
9	152	1194		175		✓													0.424	
10	153	1195		150		✓													0.530	
11	154	1196		125		✓													0.584	
12	155	1197		100		✓													0.641	
13	156	1198		75		✓													0.724	
14	157	1201		50		✓									✓				0.724	
15	158	1202		30		✓									✓				1.075	
16	159			20		✓							NO	NO					Didn't trip	
17	160	1206		20		✓							✓	✓					1.104	
18	161	1180		10		✓							✓	✓		✓			1.108	
19	162	1209		0									✓	✓			✓		1.123	
20																				
21																				
22																				
23																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 1133

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LBPO3UTC DATE y/m/d: 98/10/07
CAST NO.: 20SHIP: 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	163	1204		84.5		✓					✓						0.418	
2	164	1210		150		✓					✓						0.449	
3	165	1211		125		✓					✓						0.538	
4	166	1212		100		✓					✓						0.770	
5	167	1213		75		✓					✓						0.817	O ₂ flask
6	168	1215		50		✓					✓		✓				0.775	
7	169	1216		30		✓					✓		✓				1.022	
8	170	1217		20		✓					✓		✓				1.075	
9	171	1218		10		✓					✓		✓		✓		1.126	
10	172	1203		0				↓			✓		✓		✓		1.154	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 183

Cast # down:

Cast # up:

cracked

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LBPI

UTC DATE y/m/d: 98/10/07
CAST NO.: 22

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 #
1	173	1132		Bot-5		1		✓				✓		✓				0.950	
2	174	1133		20				✓				✓		✓				0.975	
3	175	734		10				✓				✓		✓		✓✓		1.057	
4	176	1126		0				✓				✓		✓			✓	1.052	
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			

ENTERED BY:
CHECKED BY:

Bottom Depth: 52

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:



Rosette Log

CRUISE ID: 9836
STATION NAME: C81

UTC DATE y/m/d: 98/10/7
CAST NO.: 23

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	CI3	ALK	NUT	SAL	CHL	POC	ph	Serial #	°C / dbar
1	83	177		1000		/						✓						
2	84	178		800		✓						✓						
3	85	179		600		✓						✓						
4	86	180		500		✓						✓						
5	87	181		400		✓						✓						
6	88	182		300		✓						✓						
7	89	183		250		✓						✓						
8	90	184		200		✓						✓						
9	91	185		175		✓						✓						
10	92	186		150		✓												
11	93	187		125														
12	94	188		100														
13	95	190	189	175														
14	96	191	190	150										✓				
15	97	192	191	130										✓				
16	98	193	192	20										✓				
17	99	194	193	10										✓				
18	100	195	194	0										✓		✓		
19				210														
20				10														
21				0														
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2119

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: CS2UTC DATE y/m/d: 98/10/08
CAST NO.: 31SHIP: 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		end pt oxy Serial #	°C / dbar
1	196	713		1000	1001			✓									0.064	
2	197	715		750	751			✓									0.066	
3	198	724		509	500			✓									0.137	
4	199	726		400	400			✓									0.231	
5	200	727		300	304			✓									0.363	
6	201	730		200	200			✓									0.509	
7	202	1090		150	150			✓									0.568	
8	203	1103		100	100			✓									0.593	
9	204	1104		75	75			✓									0.614	
10	205	1105		50	50			✓									0.643	
11	206	735		40	40			✓									0.756	
12	207			40	40													
13	208	732		25	25			✓									0.964	
14	209			25	25													
15	210			25	25													
16	211	1045		15	15			✓									1.015	
17	212			15	15													
18	213			15	15													
19	214	1106		5	6			✓									0.977	flask lip cracked
20	215			2	2													
21	216			2	2													
22	217	1062		0				✓									1.034	
23	218			0														

Comments:

F max at surface

ENTERED BY:

CHECKED BY:

Bottom Depth: 1919Cast # down: 31

Cast # up:

Time LOC UTCBegin: 1426

Bottom:

End:

START POSITION (GPS)

LAT: 50 41.26LONG: 129 28.12

BOTTOM POSITION (GPS)

LAT: 50 41.09LONG: 129 28.32

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: 9836
STATION NAME: CS3UTC DATE y/m/d: 98/10/08
CAST NO.: 39SHIP: 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		end pt oxy Serial #	°C / dbar
1	219	1113		Bot - 10		✓			✓								0.336	
2	220	1119		175		✓											0.387	
3	221	1128		150		✓											0.404	
4	222	709		125		✓											0.466	
5	223	1114		100		✓											0.507	
6	224	1132		75		✓											0.620	
7	225	1133		50		✓							✓				0.889	
8	226	734		30		✓							✓				0.988	
9	227	1126		20		✓							✓				0.921	*
10	228	1130		10		✓							✓	✓			0.979	Done
11	229	1110		0		✓		✓					✓		✓		0.983	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments: *OXY #227 - forgot to enter flask + sample #!

ENTERED BY:
CHECKED BY:Bottom Depth: 223Cast # down: 39Cast # up: 39

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 50 45.59LONG: 129 19.95

END POSITION (GPS)

LAT:

LONG:

Rosette Log

CRUISE ID: 9836
STATION NAME: CS06

UTC DATE y/m/d: 9/8/10
CAST NO.: 4950

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		end pt OXY Serial #	°C / dbar
1	230	255		60	61			✓				✓					0.537	
2	231	97		50	49			✓				✓		✓			0.627	Black float floating in sample
3	232	333		30	29			✓				✓		✓			0.823	
4	233	84		20	20			✓				✓		✓			0.863	
5	234	364		10	11			✓				✓		✓			0.783	
6	235	337		0	2			✓				✓		✓			0.846	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: CPE1UTC DATE y/m/d: 98/10/9
CAST NO.: 62SHIP: 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	I	Phyto	end pt Oxy -Serial # °C / dbar
1	236	425		B-5	125	✓		✓			✓	✓						0.435
2	237	412		125	125	✓		✓			✓							0.435
3	238	392		100	100	✓		✓			✓							0.817
4	239	534		75	75.3	✓		✓			✓							0.866
5	240	443		50	50.1	✓		✓			✓		✓					0.949
6	241	463		30	29	✓		✓			✓		✓					0.968
7	242	467		20	20	✓		✓			✓		✓					0.988
8	243	486		10	9.5	✓		✓			✓	✓	✓		✓			1.002
9	244	509		0	1.2	✓		✓			✓		✓			✓		1.014
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DLM
CHECKED BY: DLMBottom Depth: ~150Cast # down: 62

Cast # up:

Time	LOC	UTC
Begin:		14:55
Bottom:		14:57
End:		15:08

START POSITION (GPS)
LAT: 51 00.00
LONG: 127 50.00BOTTOM POSITION (GPS)
LAT: 51 00.01
LONG: 127 50.01END POSITION (GPS)
LAT: 50 59.97
LONG: 127 50.01

Comments:

Rosette Log

CRUISE ID: 9636
STATION NAME: CPE2

UTC DATE y/m/d: 98/10/09
CAST NO.: 67

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	PHYL	NH4	endpt oxy -Serial # °C / dbar
1	245	535		Bot - 10		/												0.591 ← in file 98360062
2	246	572		10		/												0.595
3	247	578		100		/												0.616
4	248	588		75		/												0.748
5	249	597		50		/								✓				0.993
6	250	632		30										✓				1.038
7	251	638		20										✓				1.061
8	252	641		10										✓			✓✓	1.108
9	253	657		0				↓				↓		✓		✓		1.262
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 12.8

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:



Rosette Log

CRUISE ID:

9836

UTC DATE y/m/d:

98/10/10

SHIP:

Tully

STATION NAME:

LDP2

CAST NO.:

70

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		end pt OXY -Serial#	°C / dbar
1	254	255		95	95			✓									0.763	re-calc
2	255	97		75	75			✓									0.785	
3	256	333		50	51			✓									0.829	
4	257	84		40	41			✓									0.895	
5	258			40	40													
6	259			40	40													
7	260			40	40													
8	261	364		25	25			✓									1.051	
9	262	337		15	15			✓									1.071	
10	263			15	15													
11	264	425		5	5			✓										
12	265			2	2												1.118	
13	266			2	2													
14	267			2	2													
15	268			2	2													
R 16	269	412		0	1			✓									1.103	
R 17	270			0	1													
18	271			0	1													
19	272			0	1													
20	273				1													
21	274				1													
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments: OXY - recalc #254 - incorrect std vol.

Rosette Log

CRUISE ID: 9836
STATION NAME: P10

UTC DATE y/m/d: 98/10/11
CAST NO.: 72

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	275			90	97								✓	✓				
2	276			40	41								✓	✓				
3	277			0	2								✓	✓				
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2716

Cast # down:
Cast # up:

Time LOC UTC
Begin: 1605
Bottom:
End:

START POSITION (GPS)
LAT: 48 53.50
LONG: 129 40.27

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LC11

UTC DATE y/m/d: 98/10/11
CAST NO.: 80

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		end pt oxy	Serial # °C / dbar
1	284	713		1507	1507	✓		✓				✓	✓				0.129	
2	285	715		1200	1199	✓							✓				0.069	
3	286	724		1000	1000	✓							✓				0.051	
4	287	726		800	800	✓							✓				0.047	
5	288	727		600	599	✓											0.078	
6	289	730		500	501	✓											0.140	
7	290	1090		400	400	✓											0.225	
8	291	1103		300	300	✓											0.340	
9	292	1104		250	249	✓											0.434	
10	293	1105		200	200	✓											0.478	
11	294	735		175	174	✓											0.597	
12	295	732		150	151	✓											0.569	
13	296	1045		125	124	✓											0.650	
14	297	1106		100	100	✓											0.789	
15	298	1062		75	73	✓											1.019	
16	299	1113		50	51	✓								✓			1.015	
17	300	1128		30	30	✓								✓			0.977	
18	301	1119		20	19	✓								✓			0.949	
19	302	709		10	10	✓								✓		✓	1.010	
20	303	1114		0	2	✓		✓					✓		✓		0.942	
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LC10UTC DATE y/m/d: 98/10/11
CAST NO.: 91SHIP:

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		end pt oxy Serial #	°C / dbar
1	304	392		B-10	1244	✓		✓				✓	✓				0.105	2 started 200 soon
2	305	534		1000	1000	✓							✓				0.053	
3	306	443		800	796	✓							✓				0.053	
4	307	463		600	600	✓							✓				0.094	
5	308	467		500	498	✓											0.154	
6	309	486		400	401	✓											0.259	
7	310	509		300	300	✓											0.392	
8	311	535		250													0.506	
9	312	572		200													0.516	
10	313	578		175													0.550	
11	314	588		150													0.586	
12	315	597		125													0.650	
13	316	632		100													0.825	
14	317	638		75													1.010	
15	318	641		50											✓		1.096	
16	319			30											✓			
17	320	695		20											✓		1.104	
18	321	697		10											✓	✓	1.106	
19	322	707		0				✓					✓				1.028	
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: Bottom Depth: 1259Cast # down: Cast # up:

Time LOC UTC

Begin: Bottom: End:

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: LONG:

END POSITION (GPS)

LAT: LONG: Comments: Bottle #16 did not trip

Rosette Log

CRUISE ID: 9836
STATION NAME: LC08UTC DATE y/m/d: 98/10/11
CAST NO.: 84SHIP: JPTully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	CI3	ALK	NUT	SAL	CHL	POC	Serial #	°C / dbar	
1	323	1134		13m-10													0.322	
2	324	1135		175													0.324	
3	325	1136		150													0.347	
4	326	1137		125													0.418	
5	327	1138		100													0.524	
6	328	1139		75													0.731	
7	329	1141		50										✓			0.784	
8	330	1143		30										✓			0.954	
9	331	1153		20										✓			1.024	
10	332	1154		10										✓	✓		0.995	
11	333	1155		0										✓	✓	✓	1.009	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 199

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LC7UTC DATE y/m/d: 98 Oct 11
CAST NO.: 86SHIP: 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	Phyto	end pt OXY Serial #	°C / dbar
1	334	1148		B-10	120	✓		✓			✓						0.251	
2	335	1150		100	100.5	✓		✓			✓						0.386	
3	336	1152		75	75	✓		✓			✓						0.478	
4	337	1142		50	49.7	✓		✓			✓		✓				0.555	
5	338	1144		30	29.3	✓		✓			✓		✓				0.644	
6	339	1146		20	19.5	✓		✓			✓		✓				0.810	
7	340	1157		10	10	✓		✓			✓		✓		✓		1.057	
8	341	1158		0	2.5			✓			✓		✓			✓	1.033	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DLM
CHECKED BY:Bottom Depth: 130Cast # down: 86

Cast # up:

Time	LOC	UTC
Begin:		1135
Bottom:		1140
End:		1151

START POSITION (GPS)
LAT: 48 32.89
LONG: 126 00.49BOTTOM POSITION (GPS)
LAT: 48 32.88
LONG: 126 00.55END POSITION (GPS)
LAT: 48 32.86
LONG: 126 00.54

Comments:

Rosette Log

CRUISE ID: 983C
STATION NAME: LC4UTC DATE y/m/d: 98/10/11
CAST NO.: 87SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure <i>end pt</i> OXY PT Serial # — °C / dbar	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC			
1	342	1160		~150	151	✓		✓				✓					0.373	
2	343	1167		125	126	✓		✓				✓	✓				0.411	
3	344	1168		100	100	✓		✓				✓					0.398	
4	345	1171		75	74.5	✓		✓				✓					0.428	
5	346	1174		50	49.8	✓		✓				✓					0.483	
6			347	40	39.9	✓						✓		✓				
7			348	40	39.9	✓												
8	347	1175	349	25	24.9	✓		✓				✓		✓			0.741	
9			350	25	24.9	✓												
10			351	25	24.9	✓												
11	348	1176	352	15	14.7	✓		✓				✓		✓			1.074	
12			353	15	14.7	✓												
13			354	15	14.7	✓												
14	349	1177	355	5	5	✓		✓				✓		✓			1.069	
15			356	2	2.1													
16			357	2														
17	350	1182	358	2				✓				✓	✓	✓			1.079	
18			359	2														
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DLM

CHECKED BY:

Bottom Depth: ~168Cast # down: 87

Cast # up:

Time	LOC	UTC
Begin:		1358
Bottom:		1400
End:		1414

START POSITION (GPS)

LAT: 48 43.39LONG: 125 40.76

BOTTOM POSITION (GPS)

LAT: 48 43.40LONG: 125 40.77

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: C1UTC DATE y/m/d: 98/10/
CAST NO.: 89SHIP: 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		end pt oxy Serial #	°C / dbar
1	351	255		8-5	145			✓									0.308	
2	352	97		125	126			✓									0.335	
3	353	333		100	100			✓								482	0.457	-paused-bubble weird thrtion on probe
4	354	84		75	75			✓									0.680	
5	355	364		50	51			✓									0.842	
6	356	337		40	39			✓									0.874	
7	357			40	39													
8	358			40	39													
9	359			40	39													
10	360	425		25	25			✓									0.856	
11	361	412		13	13			✓									1.043	
12	362			13	13													
13	363	392		5	5			✓									1.181	
14	364	534		2	2			✓									1.090	
15	365			2														
16	366		366	2														
17	366		367	2														
18	367		368	2														
19	368		369	2														
20	369		370	2	2													
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: ~150Cast # down: 482

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

plat 353 91-116

Comments:

Rosette Log

CRUISE ID: 1059836
STATION NAME: LCΦ1

UTC DATE y/m/d: 98/10/12
CAST NO.: 98

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	Phyto	Serial #	°C / dbar
1	370	443		B-5	89	✓		✓				✓	✓					0.639
2	371	463		75	74	✓		✓				✓						0.685
3	372	467		50	50	✓		✓				✓		✓				0.700
4	373	480		30	30	✓		✓				✓		✓				1.086
5	374	509		20	20	✓		✓				✓		✓				1.116
6	375	572		10	10			✓				✓		✓	W			1.113
7	376	578		0				✓				✓	✓	✓		✓		1.110
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: ~89

Cast # down:
Cast # up:

Time LOC UTC
Begin: 0245
Bottom: 0248
End:

START POSITION (GPS)
LAT: 48 50.39
LONG: 125 27.84

BOTTOM POSITION (GPS)
LAT: 48 50.41
LONG: 125 27.82

END POSITION (GPS)
LAT: 48 50.53
LONG: 125 27.79

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: L002

UTC DATE y/m/d: 98/10/12
CAST NO.: 99

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		end pt oxy	Serial # °C / dbar
1	377	535		B-10	104			✓				✓					0.545	
2	378	588		75	74			✓				✓					0.659	
3	379	597		50	48			✓				✓			✓		0.779	
4	380	632		30	30			✓				✓			✓		0.873	
5	381	638		20	22			✓				✓			✓		1.171	
6	382	641		10	11			✓				✓			✓		1.188	
7	383	657		0				✓				✓			✓		1.196	
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9836
STATION NAME: LC09UTC DATE y/m/d: 98/10/12
CAST NO.: 101SHIP: 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		end pt oxy Serial #	°C / dbar
1	384	713		B-10	580	✓		✓					✓				0.089	
2	385	715		500	499	✓		✓									0.157	
3	386	724		400	400	✓		✓									0.248	
4	387	726		300	300	✓		✓									0.378	
5	388	727		200	202	✓		✓									0.489	
6	389	730		150	149	✓		✓									0.582	
7	390	1090		100	100	✓		✓									0.658	
8	391	1103		75	75	✓		✓									0.890	
9	392	1104		50	50	✓		✓									0.963	
10	393	1105		40	40	✓		✓									0.967	
11	394	735		40	40	✓		✓									1.090	
12	395	732		25	25	✓		✓									1.027	
13	396	-		25	25	✓												
14	397			15	15±2	✓											Didn't trip	
15	398	1045		15	15±2	✓		✓									1.010	
16	399	-		5	5	✓												
17	400	1113		5		✓		✓					✓				0.972	
18	401			5		✓												
19	402			5		✓												
20	403			5		✓												
21	404			5		✓												
22	405			5		✓												
23	406			5		✓												

Comments: 29 40714 didn't tripENTERED BY:
CHECKED BY:Bottom Depth: 595Cast # down: 101

Cast # up:

Time	LOC	UTC
Begin:		<u>15:19</u>
Bottom:		<u>15:32</u>
End:		

START POSITION (GPS)		
LAT:	<u>48</u>	<u>26.01</u>
LONG:	<u>126</u>	<u>13.44</u>

BOTTOM POSITION (GPS)		
LAT:	<u>48</u>	<u>25.90</u>
LONG:	<u>126</u>	<u>13.40</u>

END POSITION (GPS)		
LAT:		
LONG:		

Rosette Log

CRUISE ID: 9836
STATION NAME: P04

UTC DATE y/m/d: 98/10/1
CAST NO.: 103

SHIP: JPTully

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	408			1000														
2	409			800														
3	410			600														
4	411			500														
5	412			75									✓					
6	413			40									✓					
7	414			10									✓					
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 1345

Cast # down: 103
Cast # up: 103

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9836

UTC DATE y/m/d:

98/10/13

STATION NAME:

LB16

CAST NO.:

107

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		end pt oxy Serial #	°C / dbar
1	✓ 416	255		1000		✓		✓				✓					0.053	
2	✓ 417	97		750		✓		✓				✓					0.049	
3	✓ 418	333		500		✓		✓				✓					0.147	
4	✓ 419	84		300		✓		✓				✓					0.405	
5	✓ 420	364		200		✓		✓				✓					0.404	
6	✓ 421	337		150		✓		✓				✓					0.457	
7	✓ 422	425		100		✓		✓				✓					0.750	
8	✓ 423	412		75		✓		✓				✓					1.049	
9	✓ 424	392		50		✓		✓				✓					1.094	
10	✓ 425	410 443		40		✓		✓				✓	✓	✓			1.159	
11	426	534		40		✓												
12	427	534		25		✓		✓				✓	✓	✓			1.012	
13	428	463		15		✓		✓				✓	✓	✓			1.099	
* 14	429			15		✓												
• 15	430			15		✓												
* 16	431	467		5		✓		✓				✓	✓	✓				
17	432	467		5		✓		✓				✓	✓	✓			1.105	
18	433			5		✓												
19	434			5		✓												
20	435			5		✓												
21	436			5		✓												
22	437			5		✓												
23	438			5		✓												

Comments: 439

Incubation station

* 14 & 16 MISFIRED - NO SAMPLE

ENTERED BY:

CHECKED BY:

Bottom Depth: 1850

Cast # down: 107

Cast # up: 107

Time LOC UTC

Begin: 1020

Bottom:

End: 1111

START POSITION (GPS)

LAT: 48 00 58

LONG: 126 16.74

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 48 00 51

LONG: 126 17 09

Rosette Log

CRUISE ID: 9836
STATION NAME: D11A (Race Rocks)UTC DATE y/m/d: 98/10/13
CAST NO.: 109SHIP: 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		end pt oxy Serial #	°C / dbar
1	468	255		B-8	156	✓		✓				✓	✓				0.522	
2	469	97		140	139.4	✓		✓				✓	✓				0.530	
3	470	333		125	125	✓		✓				✓	✓				0.522	
4	471	84		100	100	✓		✓				✓	✓				0.582	
5	472	364		75	74.1	✓		✓				✓	✓				0.622	
6	473	337		50	49.5	✓		✓				✓	✓				0.637	
7	474	425		30	29.5	✓		✓				✓	✓				0.661	
8	475	412		20	20	✓		✓				✓	✓				0.698	
9	476	392		10	9.1	✓		✓				✓	✓				0.724	
10	477	443		0	1.9	✓		✓				✓	✓	✓			0.737	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 168Cast # down: 109

Cast # up:

Time	LOC	UTC
Begin:		<u>2234</u>
Bottom:		<u>2237</u>
End:		<u>2250</u>

START POSITION (GPS)

LAT: 48 13.97LONG: 123 30.05

BOTTOM POSITION (GPS)

LAT: 48 13.96LONG: 123 30.08

END POSITION (GPS)

LAT: 48 13.87LONG: 123 30.11Comments: 30m thick bottom layer, uniform high S, low T

Rosette Log

CRUISE ID: 9836
STATION NAME: D7A

UTC DATE y/m/d: 98/10/14
CAST NO.: 111

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	OXY	TCO	C13	ALK	X4 NUT	SAL	CHL	POC		end pt oxy pt	Serial # °C / dbar
1	478	255		B-10	157			✓				✓	✓				0.591	
2	479	97		125	125			✓				✓	✓				0.610	
3	480	333		100	100			✓				✓	✓				0.616	
4	481	84		75	75			✓				✓	✓				0.671	
5	482	364		50	50			✓				✓	✓				0.683	
6	483	337		30	30			✓				✓	✓				0.699	
7	484	425		20	20			✓				✓	✓				0.704	
8	485	412		10	10			✓				✓	✓				0.692	
9	486	392		0	1			✓				✓	✓				0.720	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0445
Bottom:		
End:		

START POSITION (GPS)
LAT: 48 44.00
LONG: 123 8.37

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Daily Log

✓

Rosette Log

CRUISE ID: 9836
STATION NAME: SI 03

UTC DATE y/m/d: 98/10/14
CAST NO.: 118

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		end pt oxypt Serial #	°C / dbar
1	487	443		Bot-10	145	/		✓				✓	✓				0.671	
2	488	534		125		/		✓									0.618	
3	489	463		100													0.698	
4	490	467		75													0.717	
5	491	486		50													0.677	
6	492	509		30													0.588	
7	493	572		20													0.578	
8	494	578		10													0.600	
9	495	535		0													0.860	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down: 118
Cast # up: 118

Time LOC UTC
Begin: 0852
Bottom:
End:

START POSITION (GPS)
LAT: 48 51.87
LONG: 123 05.08

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

daily log

Comments:



Rosette Log

CRUISE ID: 9836
STATION NAME: MIO3UTC DATE y/m/d: 98/10/14
CAST NO.: 123SHIP: 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		end pt oxy Serial #	°C / dbar
1	496	588		Bot-10													14604	0.662
2	497	597		100														0.648
3	498	632		75														0.683
4	499	638		50														0.622
5	500	641		30														0.567
6	501	657		20														0.582
7	502	695		10														0.684
8	503	697		0														0.801
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 127

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1131

Bottom:

End:

START POSITION (GPS)

LAT: 48 55.23LONG: 123 10.71

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

9836

UTC DATE y/m/d:

98/10/16

SHIP: Tully

STATION NAME:

BB01

CAST NO.:

147

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	501																	
2	502																	
3	503																	
4	504	255		400				✓				✓	✓					
5	505	97		300				✓				✓						
6	506	333		250				✓				✓						
7	507	84		200				✓				✓						
8	508	364		175				✓				✓						
9	509	337		150				✓				✓						
10	510	425		125				✓				✓						
11	511	412		100				✓				✓						
12	512	392		75				✓				✓						
13	513	443		50				✓				✓						
14	514			30				✓				✓						
15	515	463		20				✓				✓						
16	516			10				✓				✓						
17	517	486		0				✓				✓						
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin:

Bottom:

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments: Bottles 14 and 16 did not close.

Rosette Log

CRUISE ID: 9836
STATION NAME: GI04UTC DATE y/m/d: 98/10/16
CAST NO.: 151SHIP: 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		end of Serial #	°C / dbar
1	518	509		B-10	360	✓		✓				✓	✓				0.532	
2	519	572		300	300	✓											0.549	
3	520	578		250	250	✓											0.557	
4	521	535		200	200	✓											0.567	
5	522	588		175	175	✓											0.574	
6	523	597		150	150	✓											0.554	
7	524	632		125	125	✓											0.542	
8	525	638		100	100	✓											0.522	
9	526	641		75	75	✓											0.525	
10	527	657		50	50	✓											0.553	
11	528	695		30	30	✓											0.554	
12	529	697		20	20	✓											0.574	
13	530	707		10	10	✓											0.799	
14	531	—		0	2	✓												
15	532	708		0	2	✓											0.935	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments: * didn't tripENTERED BY:
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Rosette Log

CRUISE ID:

9836

UTC DATE y/m/d:

98/10/16

SHIP:

J.P. Tully

STATION NAME:

GI03

CAST NO.:

153

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		end pt oxypt Serial #	°C / dbar
1	533	713		B-10	365	✓		✓				✓	✓				0.522	
2	534	715		300		✓											0.522	
3	535	724		250		✓											0.510	
4	536	726		200		✓											0.526	
5	537	727		175		✓											0.524	
6	538	730		150		✓											0.540	
7	539	1090		125		✓											0.507	
8	540	1103		100		✓											0.463	
9	541	1104		75		✓											0.466	
10	542	1105		50		✓											0.487	
11	543	735		30		✓											0.580	
12	544	732		20		✓											0.575	
13	545	1045		10		✓											0.902	
14	546			0		✓												
15	547	1128		0		✓		✓				✓	✓				0.881	
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Comments:

Rosette Log

CRUISE ID:

9836

UTC DATE y/m/d:

98/10/17

SHIP:

Tully

STATION NAME:

G102

CAST NO.:

155

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK	X4	SAL		POC		end pt oxy Serial #	°C / dbar
1	548	1113		B-10					✓				✓	✓			0.572	
2	549	1119		200													0.514	
3	550	709		175													0.612	
4	551	734		150													0.593	
5	552	1110		125													0.490	
6	553	1114		100													0.518	
7	554	1126		75													0.503	
8	555	1130		50													0.497	
9	556	1132		30													0.509	
10	557	1133		20													0.543	
11	558	1062		10													0.884	
12	559	1106		0					✓				✓	✓			0.956	
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Rosette Log

CRUISE ID: 9836
STATION NAME: 5701

UTC DATE y/m/d: 98/10/17
CAST NO.: 156

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	560	1136		B-10	155	✓						✓	✓				0.586	
2	561	1137		150		✓											0.584	
3	562	1138		125		✓											0.581	
4	563	1139		100		✓											0.583	
5	564	1141		75		✓											0.495	
6	565	1143		50		✓											0.492	
7	566	1153		30		✓											0.503	
8	567	1155		20		✓											0.522	
9	568	1154		10		✓											0.543	
10	569	1148		0		✓						✓	✓				0.775	
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