

Rosette Log

CRUISE ID:

9704

UTC DATE y/m/d:

97/03/12

SHIP:

Tully

STATION NAME:

EFF05

CAST NO.:

2

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		m ^l /l	µmol/kg
							OXY		C13		NUT		CHL				Serial #	°C / dbar
1	1	1008	8.4	200	195.4	32.8366	✓					✓			POC		115	
2		1010	8.4	190	190.9	32.8358	✓					✓					1060	
3		1020	8.4	180	180.1	32.8310	✓					✓					227	9.88
4		1028	8.4	170	170.2	32.8249	✓					✓					294	12.79
5		1031	8.4	150	150.0	32.8113	✓					✓					514	22.37
6		1032	8.6	120	120.0	32.7285	✓					✓					578	25.18
7		1036		110														
8		1039	8.8	100	100.2	32.5581	✓					✓					664	28.93
9		1045	8.8	90	89.9	32.4686	✓					✓					1352	58.88
10		1047	9.1	80	80.4	32.1359	✓					✓					3096	134.92
11		1052	9.1	70	70.2	31.9926	✓					✓					4086	178.07
12		1054	9.1	50	59.8	31.7754	✓					✓					4125	179.80
13		1056	9.2	50	50.0	31.5982	✓					✓					3918	170.83
14		1062	9.1	40	39.8	31.1525	✓					✓					4205	183.40
15		1065	8.9	30	30.1	30.7842	✓					✓					4514	196.92
16		1067	8.6	20	20.0	30.4166	✓					✓					5194	226.60
17		1068	8.5	10	10.0	29.4921	✓					✓					5368	234.37
18	18	1069	7.9	0	1.9	24.9784	✓					✓					6984	305.98
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 205 m

Cast # down: 1

Cast # up: 2

Time LOC UTC

Begin:

Bottom: 04:42:25

End: 05:06

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 02.53

LONG: 125 09.13

END POSITION (GPS)

LAT:

LONG:

Comments:

bottle 7 did not close.

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

97/03/12

SHIP:

Tully

STATION NAME:

EFO4

CAST NO.:

4

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		m/l/l	µm/l/kg
							OXY		C13		NUT		CHL				Serial #	°C / dbar
1	19	1105	8.4	200	188.2	32.8339											.126	5.47
2	20	1106	8.4	190	185.3	32.8322											.162	7.06
3	21	1109	8.4	180	180.0	✓ 32.8309											.190	8.26
4	22	1110	8.4	170	170.0	✓ 32.8242											.259	11.28
5	23	1113	8.4	160	159.4	✓ 32.8216											.394	12.16
6	24	1114	8.4	150	150.2	✓ 32.8133											.450	19.60
7	25	1119	8.4	140	139.9	✓ 32.8047											.466	20.30
8	26	1120	8.5	130	129.9	✓ 32.7788											.429	18.70
9	27	1122	8.5	120	119.8	✓ 32.7467											.497	21.66
10	28	1126	8.7	110	109.8	✓ 32.6587											.579	25.23
11	29	1128	8.8	100	99.8	✓ 32.5500											.703	30.64
12	30	1130	9.0	90	89.9	✓ 32.3447											1.124	48.95
13	31	1132	9.1	80	79.8	✓ 32.0559											3.343	145.69
14	32	1133	9.2	70	69.8	✓ 31.9697											4.072	177.47
15	33	1134	9.2	60	59.8	✓ 31.7864											4.091	178.33
16	34	1135	9.2	50	49.7	✓ 31.6161											3.877	169.03
17	35	1136	8.8	30	30.1	✓ 30.7601											4.558	198.82
18	36	1137	8.1	0	1.8	26.7540											6.930	363.19
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

193

Cast # down: 3

Cast # up: 4

Time LOC UTC

Begin: 0620

Bottom: 06:27:27

End: 06:48

START POSITION (GPS)

LAT: 4902.88

LONG: 12509.14

BOTTOM POSITION (GPS)

LAT: 4902.88

LONG: 12509.14

END POSITION (GPS)

LAT:

LONG:

Comments:

STN EF03
Rosette LogCRUISE ID:
STATION NAME:

97-04

UTC DATE y/m/d:
CAST NO.:97/03/12
6

SHIP:

Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	37	1141	8.9	11.6	116.7	✓ 32.5275											0.	0.
2	38	1142	9.0	110	110.1	✓ 32.5248											0.	0.
3	39	1143	9.0	100	100.0	✓ 32.5226											0.	0.
4	40	1144	9.0	90	90.2	✓ 32.5210											1049	2.15
5	41	1145	9.0	80	79.9	✓ 32.5191											1043	1.87
6	42	1146	9.0	70	69.8	✓ 32.5148											1031	1.33
7	43	1148	9.2	60	59.8	✓ 32.2363											1296	1289
8	44	1149	9.2	50	50.3	✓ 31.7072											3.365	146.69
9	45	1150	9.0	30	30.0	✓ 30.7466											4.521	197.19
10	46		8.7	20	20.0	✓ 30.3287											5.127	223.71
11	47		8.6	10	10.0	✓ 29.5187											5.533	241.58
12	48		8.2	0	15	26.9581											7.221	315.88
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 123

Cast # down: 5

Cast # up: 6

Time LOC UTC

Begin:

Bottom: 07:29:02

End: 07:44

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 04.24

LONG: 125 09.38

END POSITION (GPS)

LAT:

LONG:

Comments:

STW EFO2

Rosette Log

72m

CRUISE ID:

97-04

STATION NAME:

EFO2

UTC DATE y/m/d:

97/03/12

CAST NO.:

8

SHIP:

Tully

ENTERED BY:

CHECKED BY:

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	49	1151	9.1	65	63.2	✓ 32.4536											649	
2	50	1152	9.2	60	59.2	✓ 32.1233											1.150	
3	51	1153	9.2	50	50.0	✓ 31.7650								an bottle			3.310	pool
4	52	1154	9.2	40	40.0	✓ 31.6667											3.145	
5	53	1155	9.2	30	30.1	✓ 31.0495											3.956	
6	54	1157	8.9	20	19.9	✓ 30.4691											4.752	
7	55	1158	8.8	10	10.2	✓ 30.0194											5.159	
8	56	1160	7.3	0	1.8	✓ 21.8771											6.894	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Bottom Depth: 72

Cast # down: 7

Cast # up: 8

Time LOC UTC

Begin: 0818

Bottom: 0821

End: 0830

START POSITION (GPS)

LAT: 4904.96

LONG: 12510.36

BOTTOM POSITION (GPS)

LAT: 4904.96

LONG: 12510.37

END POSITION (GPS)

LAT:

LONG:

Comments:

STN EFO1
Rosette Log

CRUISE ID:

STATION NAME:

97-04
EFO1

UTC DATE y/m/d:

CAST NO.:

97/03/12
10

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		ml/l Serial #	umol/kg °C / dbar
1	57	1163	9.2	26	26.0	✓ 30.5919											3.365	
2	58	1164	9.2	20	20.0	✓ 30.5078											3.791	
3	59	1165	9.1	15	14.9	✓ 30.3656											4.067	
4	60	1167	8.9	10	9.8	✓ 29.8902											4.615	
5	61	1168	8.2	0	1.7	26.6791											6.911	
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 37

Cast # down: 9

Cast # up: 10

Time LOC UTC

Begin:

Bottom: 08:59:45

End: 09:05

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 05.53

LONG: 125 11.68

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

9104

UTC DATE y/m/d:

13/03/97

SHIP:

TV14

STATION NAME:

EFO2A

CAST NO.:

12

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	62	1008	9.0	100	96.1	✓	32.5218										.023	
2	63	1010	9.0	90	89.5	✓	32.5209										.036	
3	64	1020	9.0	80	80.2	✓	32.5187										.063	
4	65	1028	9.0	70	69.9	✓	32.5152										.053	
5	66	1031	9.1	60	60.0	✓	32.4590										.036	
6	67	1032	9.2	50	50.9	✓	31.7637										3.193	
7	68	1036	9.2	40	39.9	✓	31.4057										3.492	
8	69	1039	8.9	30	30.0	✓	30.6990										4.559	
9	70	1045	8.6	10	10.1	✓	29.2854										5.492	
10	71	1047	7.8	0	2.3	✓	24.2772										8.106	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 101

Cast # down: 11

Cast # up: 12

Time LOC UTC

Begin:

Bottom: 05:06:27

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 04.51

LONG: 125 09.77

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

13/03/97

SHIP:

STATION NAME:

EFO3A

CAST NO.:

14

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
								OXY		C13		NUT		CHL				
1	72		9.0	178	77.6	32.4999											.049	
2	73		9.0	75	73.4	32.5105											.047	
3	74		9.0	70	70.0	32.5110											.058	
4	75		9.0	65	65.0	32.5028											.047	
5	76		9.1	60	60.0	32.4622											.058	
6	77		9.2	50	49.9	31.6870											3383	
7	78		9.1	40	40.0	31.1818											3618	
8	79		8.7	30	29.4	30.5887											4872	
9	80		8.6	10	10.0	29.5648											5430	
10	81		8.0	0	1.9	25.7505											7.723	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

82

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0545

Bottom: 05:51:31

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 03.79

LONG: 125 09.01

END POSITION (GPS)

LAT:

LONG:

Comments:

HIT Bottom @ 78 m. BIG spike in LAT @ 60 m.

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

13/03/97

SHIP:

Tully

STATION NAME:

EF04a

CAST NO.:

16

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	82		9.1	47	47.4	✓ 31.2572											4.217	
2	83		9.1	45	45.0	✓ 31.1858											4.233	
3	84		8.9	40	39.9	✓ 30.9056											4.544	
4	85		8.5	30	29.9	✓ 30.5188											5.291	
5	86		8.5	10	10.2	✓ 29.5665											✓ 5.569	check.
6	87		7.4	0	2.0	✓ 22.5713											7.703	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 54.

Cast # down: 15

Cast # up: 16

Time LOC UTC

Begin: 0600

Bottom: 06:22:26

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 03.15

LONG: 125 08.56

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

13/03/97

SHIP:

Tully

STATION NAME:

FF05A

CAST NO.:

18

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	88		8.4	200	193.1	✓	32.8346	✓					✓				138	
2	89		8.4	195	192.3	✓	32.8341	✓					✓				162	
3	90		8.4	190	190.0	✓	32.8317						✓				234	
4	91		8.4	170	170.0	✓	32.8249						✓				354	
5	92		8.4	150	149.1	✓	32.8098										450	
6	93		8.4	130	129.9	✓	32.7834										438	
7	94		8.6	120	120.3	✓	32.7176										466	
8	95		8.7	140	110.2	✓	32.6472										589	
9	96		8.8	100	100.2	✓	32.5439										706	
10	97		8.9	90	90.2	✓	32.3652										1059	
11	98		9.1	80	80.1	✓		DID NOT TRIP										
12	99		9.1	70	80.1	✓	32.0286										3074	
13	100		9.2	60	70.1	✓	31.9471										4117	
14	101		9.2	50	60.1	✓	31.7520										4135	
15	102		9.1	40	50.2	✓	31.3749										3886	
16	103		9.0	30	40.2	✓	30.9817										4295	
17	104		8.8	10	30.2	✓	30.5852										5033	
18	105		8.5	0	10.2	✓	29.5654										5543	
19	106		7.9		1.5		23.1135	✓									8951	
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 200

Cast # down: 17

Cast # up: 18

Time LOC UTC

Begin: 0646

Bottom: 0651

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 02.83

LONG: 125 09.12

END POSITION (GPS)

LAT:

LONG:

Comments:

19 bottles closed.

Rosette Log

CRUISE ID:

97-04

STATION NAME:

FF06

UTC DATE y/m/d:

13/03/97

CAST NO.: 20

20

SHIP:

T.M.

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	107		8.4	150	158.5	✓32.8230											1232	
2	108		8.4	140	150.0	✓32.8204											1242	
3	109		8.5	130	126.2	✓32.7281											1351	
4	110		8.6	120	110.1	✓32.6646											1469	
5	111		8.7	110	105.1	✓32.6095											1627	
6	112		8.8	100	100.2	✓32.5331											1801	
7	113		8.9	90	90.2	✓32.3141											1529	
8	114		9.1	80	80.2	✓32.0674											3514	
9	115		9.1	70	70.2	✓31.9878											3990	
10	116		9.2	60	60.2	✓31.8172											4075	
11	117		9.1	50	50.3	✓31.4037											3943	
12	118		8.9	40	40.3	✓30.8479											4545	
13	119		8.5	30	30.2	✓30.5594											5455	
14	120		8.5	10	10.2	✓29.7053											5743	
15	121		7.7	0	1.7	✓24.7139											7516	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 150

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0740

Bottom: 0743

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 01.83

LONG: 125 09.21

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

97-04

STATION NAME:

EFO7

UTC DATE y/m/d:

13/03/97

CAST NO.:

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		Serial #	°C / dbar
1	122		8.4	118	120.0	✓32.7989											347	
2	123		8.5	110	114.9	✓32.7430											308	
3	124		8.6	100	110.0	✓32.6529											464	
4	125		8.9	90	90.1	✓32.2804											1791	
5	126		9.1	80	80.2	✓31.9894											3840	
6	127		9.2	70	70.2	✓31.9229								an	little		4380	for
7	128		9.2	60	60.2	✓31.6789											4021	
8	129		9.1	50	50.3	✓31.2457											4077	
9	130		8.7	40	40.3	✓30.7711											5059	
10	131		8.4	30	30.4	✓30.4939											5635	
11	132		8.4	10	10.5	✓29.6130											5830	
12	133		7.9	0	1.8	✓24.1960											7714	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 121

Cast # down: 21

Cast # up: 22

Time LOC UTC

Begin: 0820

Bottom: 0825

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 01.29

LONG: 125 09.42

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

97-04

STATION NAME:

EF07A

UTC DATE y/m/d:

13/03/97

CAST NO.:

24

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	134		8.5	142	125.9	✓32.6987											298	
2	135		8.5	130	119.9	✓32.6849											297	
3	136		8.5	120	114.8	✓32.6800											337	
4	137		8.5	110	110.0	✓32.6411											413	
5	138		8.7	100	100.0	✓32.4744											741	
6	139		8.8	90	90.0	✓32.3695											1282	
7	140		9.1	80	80.0	✓31.9237											✓3.755	check
8	141		9.1	70	70.1	✓31.8753											4068	
9	142		9.2	60	60.1	✓31.5922											4068	
10	143		9.1	50	50.1	✓31.2191											4126	
11	144		8.5	40	40.3	✓30.6063											5.197	
12	145		8.3	30	30.3	✓30.3705											5.680	
13	146		8.4	10	10.4	✓29.5465											5.877	
14	147		7.3	0	1.6	✓22.6108											6.998	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 142

Cast # down: 23

Cast # up: 24

Time LOC UTC

Begin:

Bottom: 0903:56

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 00.90

LONG: 125 09 83

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

97/03/14

SHIP:

STATION NAME:

EFF13

CAST NO.:

26

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	148		8.7	100	1008	32.1922											4867	
2	149		8.9	90	90.0	32.1239											5.028	
3	150		8.9	80	80.2	32.0496											5.024	
4	151		9.0	70	70.2	32.0096											4.923	
5	152		9.0	60	60.1	31.6229											4.853	
6	153		8.3	50	50.4	31.0066											5.420	
7	154		8.2	40	40.0	30.7209											6.020	
8	155		8.0	30	30.1	30.4513										✓	6.430	
9	156		7.9	20	20.5	30.1960										✓	6.601	
10	157		7.9	10	10.1	28.9281										✓	6.754	
11	158		7.3	0	2.1	22.8017										✓	8.765	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 109.

Cast # down: 25

Cast # up: 26

Time LOC UTC

Begin:

Bottom: 0044

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 56 53

LONG: 125 10 69

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

STATION NAME:

UTC DATE y/m/d:

CAST NO.:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 100

Cast # down: 27

Cast # up: 28

Time	LOC	UTC
Begin:		0120
Bottom:		012911
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4857.98

LONG: 12510.49

END POSITION (GPS)

LAT:

LONG:

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	159		8.9	40	92.7	32.1177											4990	
2	160		9.0	80	80.0	32.0580											4889	
3	161		9.0	70	70.1	31.9710											4893	
4	162		9.0	60	60.0	31.8256							check	.861			4963	poor
5	163		8.9	50	50.0	31.4074								.821			4832	poor
6	164		8.5	40	39.9	30.8706											5.737	
7	165		8.6	30	30.1	30.3000											6.418	
8	166		8.0	20	19.7	30.1845											6.566	
9	167		7.9	10	10.0	28.8833											6.914	
10	168		7.5	0	1.8	23.6311											8.478	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments:

Rosette Log

CRUISE ID:

STATION NAME:

UTC DATE y/m/d:

CAST NO.:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin: 0205

Bottom: 0208

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 59.10

LONG: 125 11.00

END POSITION (GPS)

LAT:

LONG:

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	169		9.0	88	82.1	32.0270		✓									4847	
2	170		9.0	77	77.2	31.9996		1									4802	
3	171		9.0	70	70.0	31.9483											4731	
4	172		9.1	60	60.0	31.7772											4339	
5	173		9.0	50	49.9	31.3796											4509	
6	174		8.0	30	30.1	30.2753											6203	
7	175		8.0	20	20.1	29.7475											6318	
8	176		7.2	10	10.7	22.4963		✓									8912	
9	177			0	0													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Comments:

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

97/03/14

SHIP:

STATION NAME:

EF10

CAST NO.:

32

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	177		9.0	100	80.1	31.9362											4.527	
2	178		9.0	90	75.1	31.9074											4.489	
3	179		9.1	80	69.5	31.8934											4.417	
4	180		9.1	70	64.7	31.8431											4.365	
5	181		9.1	60	59.9	31.7153											4.301	
6	182		8.8	50	49.7	31.0345											4.749	
7	183		8.2	40	39.8	30.4126											5.818	
8	184		8.2	30	29.7	30.2664											6.091	
9	185		8.2	20	20.1	29.7423											6.085	
10	186		7.9	10	9.9	28.5918											6.837	
11	187		7.3	0	1.4	22.9120											8.978	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 82

Cast # down: 31

Cast # up: 32

Time LOC UTC

Begin:

Bottom: 0249

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 59.86

LONG: 125 11.34

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID:

STATION NAME:

UTC DATE y/m/d:

CAST NO.:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 60

Cast # down: 33

Cast # up: 34

Time LOC UTC

Begin:

Bottom: 03:20'18"

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 00.13

LONG: 125 10.85

END POSITION (GPS)

LAT:

LONG:

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	188		9.1	60	62.7	31.9249		✓									4.122	
2	189		9.1	50	50.1	31.2892											4.191	
3	190		8.6	40	39.9	30.7320											5.237	
4	191		8.2	30	30.1	30.3903											5.882	
5	192		8.2	20	19.9	30.1766											6.048	
6	193		8.1	10	10.1	29.3167											6.198	
7	194		7.6	0	1.6	24.3529		✓									8.601	
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
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21																		
22																		
23																		

Comments:

Rosette Log

CRUISE ID:

97-04

STATION NAME:

EF08

UTC DATE y/m/d:

97/03/14

CAST NO.:

36

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	195		9.0	87	84.4	32.1875	✓										3.531	
2	196		9.1	80	79.7	31.9788	-										3.710	
3	197		9.1	70	69.7	31.9253	✓										4.097	
4	198		9.1	60	59.8	31.7160	✓										4.085	
5	199		9.1	50	49.7	31.5554	✓										3.995	
6	200		8.8	40	39.9	30.8947	✓										4.951	
7	201		8.3	30	29.7	30.4408	✓										5.692	
8	202		8.3	20	19.9	30.0141	✓										5.937	
9	203		8.1	10	10.0	28.9126	✓										6.485	
10	204		7.2	0	1.8	20.9485	✓										9.406	
11																		
12																		
13																		
14																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 87

Cast # down: 35

Cast # up: 36

Time LOC UTC

Begin: 0349

Bottom: 0355

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 00.65

LONG: 125 10.31

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 97-04
STATION NAME: EF01

UTC DATE y/m/d: 97/03/15
CAST NO.: 40

SHIP: Trinity

ENTERED BY: _____

CHECKED BY: _____

					ROSETTE OPERATION		Samples taken										Temperature or Pressure	
Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	204		9.1	30	30.2	30.4243	✓				✓			✓			3.868	
2	205		9.0	20	19.9	30.1620	✓				✓			✓			4.212	
2. 3	206		8.5	10	10.0	28.6502	✓				✓			✓			9.680	
3 4	207		8.2	0	1.6	22.5805	✓				✓			✓			6.379	
5																		
6																		
7																		
8																		
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14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Bottom Depth: _____

Cast # down: _____

Cast # up: _____

Time LOC UTC

Begin: _____

Bottom: 20 23 55

End: _____

START POSITION (GPS)

LAT: _____

LONG: _____

BOTTOM POSITION (GPS)

LAT: 49 02.52

LONG: 125 11 68

END POSITION (GPS)

LAT: _____

LONG: _____

Comments: _____

Rosette Log

CRUISE ID:

97-04

UTC DATE y/m/d:

97/03/14

SHIP:

STATION NAME:

EF03

CAST NO.:

42

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	208		8.9	116	118.5	✓ 32.5278							✓				0.0	
2	209		8.9	110	112.8	✓ 32.5260							✓				0.0	
3	210		9.0	100	100.1	✓ 32.5220							✓				0.0	
4	211		9.0	90	90.0	✓ 32.5201											0.0	
5	212		9.0	80	80.1	✓ 32.5186											0.48	
6	213		9.0	70	70.3	✓ 32.5166											0.22	
7	214		9.1	60	60.2	✓ 32.4760											0.46	
8	215		9.2	50	50.2	✓ 31.7207											3.315	
9	216		9.0	40	40.1	✓ 30.8861											3.807	
10	217		8.7	30	30.2	✓ 30.4115						✓			✓		5.017	
11	218		8.6	20	20.2	✓ 29.7519						✓			✓		5.220	
12	219		8.2	10	10.0	✓ 27.7392						✓			✓		6.524	
13	220		8.1	0	1.7	✓ 22.6574						✓			✓		10.519	
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: 21:14:38

End: 21:26

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4904.20

LONG: 12509.46

END POSITION (GPS)

LAT:

LONG:

Comments:

Intro MWD @ 119

Rosette Log

CRUISE ID:

STATION NAME:

UTC DATE y/m/d:

CAST NO.:

SHIP:

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

ROSETTE OPERATION
Trip Confirmed
pressure Salinity

Samples taken
CFC TCO ALK SAL POC
OXY C13 NUT CHL PHT

Temperature or Pressure
Serial # °C / dbar

1	221	30.8344	8.9	40	39.9	✓	#6											4.789	1181
2	222	30.3359	8.5	30	29.9	✓	#2		✓				✓					5.491	1176
3	223	30.0495	8.6	20	20.0	✓	#3		✓				✓					5.557	1177
4	224	28.0190	8.1	10	10.0	✓	#4		✓				✓					6.742	1178
5	225	24.6230	8.0	0	1.9	✓	#5		✓				✓					9.877	1180
6																			
7																			
8																			
9																			
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22																			
23																			

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 43

Cast # up: 44

Time LOC UTC

Begin:

Bottom: 215713

End:

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 4902.54

LONG: 12509.14

END POSITION (GPS)

LAT:

LONG:

Comments: