

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF01UTC DATE y/m/d: 99/05/15
CAST NO.: 001SHIP: 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 Dosage Serial #	DO m/l °C/dbar
1	1	1241		Bot -10	25.7	✓												
2	2	1243		20	20.1	✓											0.141	0.743
3	3	1280		10	9.9	✓											0.405	2.350
4	4	1244		0	1.4	✓											1.532	8.471
5																		
6																		
7																		
8																		
9																		
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23																		

ENTERED BY: JE
CHECKED BY:Bottom Depth: 36mCast # down: 001Cast # up: 001

Time	LOC	UTC
Begin:		0148
Bottom:		
End:		0155

START POSITION (GPS)	
LAT:	49° 05.53'
LONG:	125° 11.60'

BOTTOM POSITION (GPS)	
LAT:	
LONG:	

END POSITION (GPS)	
LAT:	49° 05.51'
LONG:	125° 11.62'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF02

UTC DATE y/m/d: 1999/05/15
CAST NO.: 002 Oxygen

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 dosage	DO m/l / °C / dbar
1	5	1248		Bo-5	59	✓											0.466	2.546
2	6	1247		50	49.9	✓											0.436	2.397
3	7	1249		30	30.1	✓											0.140	0.739
4	8	1251		20	19.5	✓											0.391	2.156
5	9	1252		10	10.0	✓											0.893	4.936
6	10	1254		0	1.4	✓											1.525	8.562
7																		
8																		
9																		
10																		
11																		
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22																		
23																		

ENTERED BY: JE
CHECKED BY:

Bottom Depth: 69m

Cast # down: 002

Cast # up: 002

Time	LOC	UTC
Begin:		0219
Bottom:		0221
End:		0230

START POSITION (GPS)		
LAT:	49°	04.98'
LONG:	125°	10.33'

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:	49°	04.95'
LONG:	125°	10.28'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF03UTC DATE y/m/d: 1999/05/15
CAST NO.: 003SHIP: 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 dosage Serial #	DO ml/l °C/dbar
1	11	1256		B ₀ -5	108	✓											0	0
2	12	1257		100	100.1	✓											0.027	0.111
3	13	1258		75	75.1	✓											0.511	2.834
4	14	1260		50	49.9	✓											0.496	2.772
5	15	1261		30	30.1	✓											0.285	1.558
6	16	1264		20	20.2	✓											0.541	3.010
7	17	1267		10	10.1	✓											0.896	4.956
8	18	1268		0	0.8	✓											1.486	8.372
9																		
10																		
11																		
12																		
13																		
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23																		

ENTERED BY: JE
CHECKED BY:Bottom Depth: 119Cast # down: 003Cast # up: 003

Time	LOC	UTC
Begin:		<u>0249</u>
Bottom:		<u>0252</u>
End:		<u>0304</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>04-24</u>
LONG:	<u>125</u>	<u>09-29</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>04-24</u>
LONG:	<u>125</u>	<u>09-37</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>41-23</u>
LONG:	<u>125</u>	<u>09-33</u>

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF04

UTC DATE y/m/d: 1999/05/15
CAST NO.: 004

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 Dosage Serial #	D0 m/l °C / dbar
1	19	1269	Forget	50	50	/											0.891	5.299
2	20	1270	to input depth in computer	30	30	/											0.454	2.661
3	21	1271		20	19	/											0.593	3.618
4	22	1272		10	10	/											0.896	5.356
5	23	1273		0	0	/											1.403	8.298
6																		
7																		
8																		
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ENTERED BY: ZF
CHECKED BY:

Bottom Depth: 54

Cast # down: 004

Cast # up: 004

Time LOC UTC
Begin: 0326
Bottom:
End: 0334

START POSITION (GPS)
LAT: 49 03 13
LONG: 125 08 59

BOTTOM POSITION (GPS)
LAT: 49 03 12
LONG: 125 08 60

END POSITION (GPS)
LAT: 49 03 06
LONG: 125 08 61

Comments: 17 The mirror from the probe seems to have some weird thing on it, like bubbles but not bubbles, cannot clean it, 27 forgot to input depth for the 3 first samples (#19, 20 and 21)-

Rosette Log

CRUISE ID: 9906
STATION NAME: EF70'SUTC DATE y/m/d: 1999/05/15
CAST NO.: 005SHIP: 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 dosage Serial #	DO ml/l °C / dbar
1	24	1138		B-5	199	✓											0.018	0.069
2	25	1139		175	176	✓											0.028	0.131
3	26	1141		150	150	✓											0.135	0.805
4	27	1142		125	125	✓											0.712	4.426
5	28	1143		100	100	✓											0.752	4.685
6	29	1144		75	75	✓											0.775	4.857
7	30	1146		50	50	✓											0.755	4.746
8	31	1148		30	30	✓											0.457	2.879
9	32	1150		20	20	✓											0.579	3.605
10	33	1153		10	10	✓											0.833	5.220
11	34	1154		0	0	✓											1.300	8.150
12																		
13																		
14																		
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ENTERED BY: EF
CHECKED BY:Bottom Depth: 205Cast # down: 005
Cast # up: 005

Time	LOC	UTC
Begin:		<u>0352</u>
Bottom:		<u>0355</u>
End:		<u>0408</u>

START POSITION (GPS)
LAT: 49 02 54
LONG: 125 09 12BOTTOM POSITION (GPS)
LAT: 49 02 54
LONG: 125 09 12END POSITION (GPS)
LAT: 49 02 51
LONG: 125 09 12

Comments:

Note Bottle # 6 may be contaminated Stopper open
SC

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF06

UTC DATE y/m/d: 1999/05/15
CAST NO.: 006 a

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 dosage Serial #	DO ml/l °C / dbar
1	35	1168		150	130	/											0.267	1.550
2	36	1171		125	125	/											0.757	4.339
3	37	1158		100	99	/											0.762	4.675
4	38	1175		75	75	/											0.859	4.807
5	39	1174		50	51	/											0.842	4.718
6	40	1182		30	29	/											0.487	2.691
7	41	1176		20	20	/											0.749	4.175
8	42	1177		10	10	/											0.994	5.569
9	43	1178		0	0	/											1.413	7.934
10																		
11																		
12																		
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23																		

ENTERED BY: EF
CHECKED BY:

Bottom Depth: 150

Cast # down: 006
Cast # up: 006

Time	LOC	UTC
Begin:		0428
Bottom:		0431
End:		0443

START POSITION (GPS)
LAT: 49 01 85
LONG: 125 09 19

BOTTOM POSITION (GPS)
LAT: 49 01 77
LONG: 125 09 21

END POSITION (GPS)
LAT: 49 01 76
LONG: 125 09 24

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/15

SHIP:

TULLY

STATION NAME:

EFF07

CAST NO.:

007

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 dosage	Serial # °C / dbar
1	44	1180		Bot-5	113	✓											0.819	4.580
2	45	1188		100	100	✓											0.827	4.608
3	46	1189		75	75	✓											0.869	4.805
4	47	1190		50	50	✓											0.798	4.431
5	48	1191		30	30	✓											0.792	4.386
6	49	1192		20	20	✓											0.792	4.406
7	50	1193		10	10	✓											0.953	5.274
8	51	1194		0	0	✓											1.449	8.038
9																		
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ENTERED BY:

EF

CHECKED BY:

Bottom Depth:

121

Cast # down:

07

Cast # up:

07

Time

LOC

UTC

Begin:

0503

Bottom:

0508

End:

0520

START POSITION (GPS)

LAT:

49 01 25

LONG:

125 09 40

BOTTOM POSITION (GPS)

LAT:

49 01 25

LONG:

125 09 41

END POSITION (GPS)

LAT:

49 01 25

LONG:

125 09 38

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF08UTC DATE y/m/d: 1999/05/15
CAST NO.: 008SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC	OXY	TCO	C13	ALK	NUT	SAL	CHL	POC		End Pt Dosage Serial #	DO mlll °C / dbar
1	52	1274	Forgot Depth	B-5	81	/											0.757	4.526
2	53	1275		75	75	/											0.765	4.521
3	54	1276		50	50	/											0.658	4.024
4	55	1277		30	30	/											0.665	4.028
5	56	1278		20	20	/											0.790	4.813
6	57	1279		10	10	/											0.947	5.691
7	58	1246		0	0	/											1.541	8.535
8																		
9																		
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ENTERED BY: ET
CHECKED BY:Bottom Depth: 89Cast # down: 08Cast # up: 08

Time	LOC	UTC
Begin:		<u>0539</u>
Bottom:		<u>0542</u>
End:		<u>0551</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>00 67</u>
LONG:	<u>125</u>	<u>10 22</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>00 67</u>
LONG:	<u>125</u>	<u>10 23</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>00 67</u>
LONG:	<u>125</u>	<u>10 27</u>

Comments: same pb with the mirror of the sensor than previous cast

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF 09UTC DATE y/m/d: 1999/05/15
CAST NO.: 009SHIP: 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 Depth Serial #	00 mV °C/dbar
1	59	1196		B-5	59	/											0.847	4.709
2	60	1197		50	50	/											0.745	4.125
3	61	1201		30	30	/											0.790	4.393
4	62	1198		20	20	/											0.901	5.054
5	63	1202		10	10	/											1.180	6.522
6	64	1203		0	0	/											1.435	8.057
7																		
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ENTERED BY: CF
CHECKED BY:Bottom Depth: 63Cast # down: 09Cast # up: 09

Time	LOC	UTC
Begin:		
Bottom:	<u>0619</u>	
End:	<u>0629</u>	

START POSITION (GPS)	
LAT:	<u>49 00 01</u>
LONG:	<u>125 10 84</u>

BOTTOM POSITION (GPS)	
LAT:	<u>49 00 09</u>
LONG:	<u>125 10 83</u>

END POSITION (GPS)	
LAT:	<u>49 00 09</u>
LONG:	<u>125 10 83</u>

Comments: Same pb with mirror!

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF10UTC DATE y/m/d: 1999/05/15
CAST NO.: 010SHIP: 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 point O2 age	Serial # °C/dbar
1	65	1206		B-5	95	/											0.704	3.919
2	66	1204		75	75	/											0.741	4.115
3	67	1209		50	50	/											0.810	4.461
4	68	1210		30	30	/											0.719	3.973
5	69	1212		20		/											0.917	5.091
6	70	1240		10		/											1.504	8.201
7	71	1215		0		/											1.439	7.963
8																		
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ENTERED BY: EF
CHECKED BY:Bottom Depth: 101

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0644
Bottom:		0647
End:	0655	

START POSITION (GPS)
LAT: 68 5984
LONG: 125 1124BOTTOM POSITION (GPS)
LAT: 48 5984
LONG: 125 1121END POSITION (GPS)
LAT:
LONG:Comments: Tolam Pb probe

Rosette Log

CRUISE ID: 7906
STATION NAME: EFF11

UTC DATE y/m/d: 99/05/15
CAST NO.: 011 02

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 Dosage Serial #	DO m/l / °C / dbar
1	72	1216		18.5	-												0.763	4.277
2	73	1219		50	-												0.883	4.775
3	74	1218		30	-												0.780	4.254
4	75	1222		20	-												0.923	5.131
5	76	1238		10	-												1.214	6.726
6	77	1223		0	-												1.437	8.054
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ENTERED BY:
CHECKED BY:

Bottom Depth: 89'

Cast # down: 011
Cast # up: 011

Time	LOC	UTC
Begin:		0726
Bottom:		0728
End:		0735

START POSITION (GPS)
LAT: 48 59 . 10
LONG: 125 11 . 08

BOTTOM POSITION (GPS)
LAT: 48 59 . 10
LONG: 125 11 . 06

END POSITION (GPS)
LAT: 48 59 . 08
LONG: 125 11 . 10

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF12

UTC DATE y/m/d: 99/05/15
CAST NO.: 12 O2

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 Dosage Serial #	DO ml/l °C / dbar
1	78	1224		Bot - 5		✓		✓									0.735	4.063
2	79	1225		75		✓											0.790	4.408
3	80	1228		50		✓											0.906	5.073
4	81	1237		30		✓											0.923	5.155
5	82	1231		20		✓											1.025	5.678
6	83	1233		10		✓											1.249	6.907
7	84	1234		0		✓		✓									1.431	7.952
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ENTERED BY:
CHECKED BY:

Bottom Depth: 95

Cast # down: 12

Cast # up: 12

Time	LOC	UTC
Begin:		0837
Bottom:		0840
End:		0846

START POSITION (GPS)
LAT: 48 57.98
LONG: 125 10.50

BOTTOM POSITION (GPS)
LAT: 48 57.97
LONG: 125 10.50

END POSITION (GPS)
LAT: 48 57.97
LONG: 125 10.53

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: EFF13UTC DATE y/m/d: 99/05/15
CAST NO.: 013 02SHIP: 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 dosage Serial #	D0 ml/l °C/dbar
1	85	97		Bot-5		/											0.702	3.921
2	86	84		75		/											0.801	4.478
3	87	333		50		/											0.897	5.068
4	88	255		30		/											0.934	5.310
5	89	364		20		/											1.036	5.861
6	90	337		10		/											1.477	8.328
7	91	392		0		/											1.526	8.470
8																		
9																		
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ENTERED BY:
CHECKED BY:Bottom Depth: 108mCast # down: 013Cast # up: 013

Time	LOC	UTC
Begin:		09:19
Bottom:		09:21
End:		09:20

START POSITION (GPS)	
LAT:	48 56.50
LONG:	125 10.74

BOTTOM POSITION (GPS)	
LAT:	48 56.50
LONG:	125 10.74

END POSITION (GPS)	
LAT:	48 56.50
LONG:	125 10.73

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: 4D11

UTC DATE y/m/d: 1999/05/16
CAST NO.: 14

SHIP: EULLY

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	1				1598	/												
2					1598	/												
3					1598	/												
4					1598	/												
5																		
6																		
7																		
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23																		

ENTERED BY: ZF
CHECKED BY:

Bottom Depth: 1599

Cast # down: 14
Cast # up: 14

Time	LOC	UTC
Begin:		03:32
Bottom:		03:51
End:		

START POSITION (GPS)
LAT: 48 28.76
LONG: 126 42.96

BOTTOM POSITION (GPS)
LAT: 48 28.95
LONG: 126 42.95

END POSITION (GPS)
LAT: 48 29.08
LONG: 126 42.95

Comments:

Rosette Log

CRUISE ID: 1UTC DATE y/m/d: 1999/05/16SHIP: TULLYSTATION NAME: LD10CAST NO.: 15

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 Dosage Serial #	DO ml/l °C/dbar
1	92	1138		B-10	1484	/											0.432	2.688
2	93	1139		1200	1200	/							✓				0.066	0.371
3	94	1141		1000	999	/											0.051	0.276
4	95	1142		800	800	/											0.041	0.213
5	96	1143		600	600	/							✓				0.067	0.377
6	97	1144		500	500	/											0.099	0.581
7	98	1146		400	400	/							✓				0.150	0.907
8	99	1148		300	300	/											0.236	1.465
9	100	1150		250	249	/											0.317	1.953
10	101	1153		200	200	/							✓				0.356	2.205
11	102	1154		175	175	/											0.384	2.376
12	103	1168		150	149	/											0.411	2.409
13	104	1171		125	125	/											0.442	2.516
14	105	1158		100	100	/											0.443	2.699
15	106	1175		75	74	/											0.768	4.294
16	107	1174		50	49	/											1.138	6.398
17	108	1182		30	30	/											1.262	7.038
18	109	1176		20	20	/											1.248	6.938
19	110	1177		10	11	/											1.211	6.794
20	111	1178		0	1	/											1.216	6.767
21																		
22																		
23																		

Comments:

sample 92 seems to have been contaminatedENTERED BY: EF

CHECKED BY:

Bottom Depth: 1490Cast # down: 15Cast # up: 15

Time LOC UTC

Begin: 04:59Bottom: 05:21End: 06:30

START POSITION (GPS)

LAT: 48 32 19LONG: 126 36 52

BOTTOM POSITION (GPS)

LAT: 48 32 08LONG: 126 36 49

END POSITION (GPS)

LAT: 48 32 22LONG: 126 36 77

Rosette Log

CRUISE ID: 9906
STATION NAME: LD8UTC DATE y/m/d: 1999/05/16
CAST NO.: 17 02SHIP: 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 desage Serial #	DO ml/l °C/dbar
1	112	1180		B-5	772	✓											0.050	0.242
2	113	1188		600	599.8	✓											0.071	0.359
3	114	1189		500	500.3	✓											0.091	0.468
4	115	1190		400	400.1	✓											0.150	0.800
5	116	1191		300	299.8	✓											0.263	1.430
6	117	1192		250	249.2	✓											0.328	1.801
7	118	1193		200	199.6	✓											0.395	2.163
8	119	1194		175	175.0	✓											0.427	2.341
9	120	1195		150	150.0	✓											0.439	2.388
10	121	97		125	125.0	✓											0.456	2.533
11	122	84		100	99.6	✓											0.500	2.780
12	123	333		75	74.3	✓											0.716	4.037
13	124	255		50	49.7	✓											1.124	6.398
14	125	364		30	29.7	✓											1.241	7.029
15	126	337		20	19.2	✓											1.228	6.917
16	127	392		10	9.6	✓											1.230	6.820
17	128	708		0	1.3	✓											1.181	6.780
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JE
CHECKED BY:Bottom Depth: 775 +Cast # down: 017Cast # up: 017

Time	LOC	UTC
Begin:		0812
Bottom:		0822
End:		0848

START POSITION (GPS)	
LAT:	48° 39.18'
LONG:	126° 23.42'

BOTTOM POSITION (GPS)	
LAT:	48° 39.15'
LONG:	126° 23.50'

END POSITION (GPS)	
LAT:	48° 39.10'
LONG:	126° 23.63'

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/16

SHIP:

TULLY

STATION NAME:

LD06

CAST NO.:

019

02

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 dosage	DO ml/l
								OXY		C13		NUT		CHL			Serial #	°C / dbar
1	129	425		B-5	128	✓											0.314	1.728
2	130	443		125	126.1	✓											0.321	1.738
3	131	463		100	100.2	✓											0.555	3.065
4	132	467		75	75.1	✓											0.908	5.010
5	133	486		50	50.1	✓											1.120	6.164
6	134	509		30	30.1	✓											1.227	6.750
7	135	534		20	19.8	✓											1.150	6.894
8	136	535		10	10.0	✓											1.302	7.192
9	137	578		0	1.0	✓											1.449	8.030
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

JE

CHECKED BY:

Bottom Depth:

139

Cast # down:

019

Cast # up:

019

Time

LOC

UTC

Begin:

1040

Bottom:

1046

End:

1056

START POSITION (GPS)

LAT:

48° 46.17'

LONG:

126° 10.20'

BOTTOM POSITION (GPS)

LAT:

48° 46.15'

LONG:

126° 10.29'

END POSITION (GPS)

LAT:

48° 46.16'

LONG:

126° 10.44'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LD04

UTC DATE y/m/d: 1999/05/16
CAST NO.: 021 02

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 Dosage Serial #	DO ml/L °C/dbar
1	138	572		Bo-5		/												0.879 4.837
2	139	641		30		/												0.869 4.786
3	140	588		20		/												0.970 5.325
4	141	632		10														1.370 7.579
5	142	597		0														1.336 7.515
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 62

Cast # down: 021
Cast # up: 021

Time	LOC	UTC
Begin:		1233
Bottom:		1235
End:		

START POSITION (GPS)
LAT: 48 53 23
LONG: 125 56.93

BOTTOM POSITION (GPS)
LAT: 48 53 23
LONG: 125 56.97

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: 1D02UTC DATE y/m/d: 1999/05/16
CAST NO.: 23 O₂SHIP: 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 Depth	DO ml/l
								OXY		C13		NUT		CHL			Serial #	°C / dbar
1	143	1138		Bo - 5													0.810	5.079
2	144	1139		30													0.838	5.232
3	145	1141		20													0.950	5.934
4	146	1142		10													1.279	7.986
5	147	1143		0													1.303	8.151
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JB
CHECKED BY:Bottom Depth: 44Cast # down: 23Cast # up: 23

Time	LOC	UTC
Begin:		1:27
Bottom:		1:29
End:		1:35

START POSITION (GPS)
LAT: 48 58.33
LONG: 125 46.97BOTTOM POSITION (GPS)
LAT: 48 58.32
LONG: 125 46.97END POSITION (GPS)
LAT: 48 58.29
LONG: 125 46.98

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LD01

UTC DATE y/m/d: 1999/05/16
CAST NO.: 024 02

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 dosage	DO ml/l
1	148	1144		80-5													0.876	5.496
2	149	1146		20													1.046	6.592
3	150	1148		10													1.308	8.325
4	151	1150		0													1.377	8.636
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JB
CHECKED BY:

Bottom Depth: 36

Cast # down: 24
Cast # up: 24

Time	LOC	UTC
Begin:		02:04
Bottom:		02:06
End:		02:11

START POSITION (GPS)
LAT: 49 0.07
LONG: 125 43.80

BOTTOM POSITION (GPS)
LAT: 49 0.06
LONG: 125 43.89

END POSITION (GPS)
LAT: 49 0.03
LONG: 125 43.90

Comments: bottles 1143 & 1155 put out of commission -> cracked.
-> 412 too!!!

Rosette Log

CRUISE ID: 9906
STATION NAME: LK01

UTC DATE y/m/d: 1999/05/17
CAST NO.: 025

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 Dosage Serial #	DO ml/l °C/dbar
1	152	1196		8-5	50	/											1.018	5.668
2	153	1197		30	36	/											1.145	6.361
3	154	1201		20	20	/											1.231	6.867
4	155	1198		10	10	/											1.300	7.310
5	156	1202		0	1	/											1.381	7.639
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ET
CHECKED BY:

Bottom Depth: 59

Cast # down: 25

Cast # up: 25

Time	LOC	UTC
Begin:		<u>20:03</u>
Bottom:		<u>20:05</u>
End:		<u>20:11</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>55.43</u>
LONG:	<u>127</u>	<u>18.63</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>55.48</u>
LONG:	<u>127</u>	<u>18.75</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>55.48</u>
LONG:	<u>127</u>	<u>18.77</u>

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/17

SHIP:

TULLY

STATION NAME:

LK02

CAST NO.:

026

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 Dosage Serial #	DO mll/l °C/dbar
1	157	1203		8-5	65	/											0.863	4.829
2	158	1206		50	50	/											1.025	5.724
3	159	1204		30	30	/											1.211	6.751
4	160	1209		20	20	/											1.291	7.133
5	161	1210		10	10	/											1.371	7.611
6	162	1212		0	0												1.325	7.374
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EF
CHECKED BY:

Bottom Depth: 69

Cast # down: 26

Cast # up: 26

Time	LOC	UTC
Begin:		20:36
Bottom:		20:38
End:		20:45

START POSITION (GPS)		
LAT:	49	53.85
LONG:	127	21.68

BOTTOM POSITION (GPS)		
LAT:	49	53.90
LONG:	127	21.75

END POSITION (GPS)		
LAT:	49	53.92
LONG:	127	21.75

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LK04UTC DATE y/m/d: 1999/05/17
CAST NO.: 028SHIP: 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 Dosage Serial #	DO mcl/l °C / dbar
1	163	1240		15-5	125	/											0.391	2.103
2	164	1215		125	125	/											0.389	2.124
3	165	1216		100	99	/											0.422	2.347
4	166	1219		75	75	/											0.491	2.638
5	167	1218		50	50	/											0.805	4.392
6	168	1222		30	30	/											1.129	6.285
7	169	1238		20	19	/											1.264	7.005
8	170	1223		0	0	/											1.341	7.513
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EF
CHECKED BY:Bottom Depth: 130Cast # down: 28Cast # up: 28

Time	LOC	UTC
Begin:		<u>22:06</u>
Bottom:		<u>22:09</u>
End:		<u>22:22</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>43.38</u>
LONG:	<u>127</u>	<u>39.35</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>46.79</u>
LONG:	<u>127</u>	<u>33.71</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>46.73</u>
LONG:	<u>127</u>	<u>33.83</u>

Comments: 10 m bottle missed

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/18

SHIP: TULLY

STATION NAME:

LK06

CAST NO.:

030 02

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 Doseage Serial #	DO ml/l °C/dbar
1	171	97		8-10	1131	✓											0.074	0.377
2	172	84		1000	1001	✓											0.064	0.321
3	173	333		800	801	✓											0.054	0.267
4	174	255		600	600	✓											0.069	0.352
5	175	364		500	500	✓											0.105	0.557
6	176	337		400	399.0	✓											0.184	1.002
7	177	392		300	300	✓											0.255	1.382
8	178	708		250	249.5	✓											0.288	1.622
9	179	425		200	199.5	✓											0.364	2.010
10	180	443		175	175.5	✓											0.401	2.181
11	181	463		150	150	✓											0.477	2.628
12	182	467		125	124	✓											0.513	2.813
13	183	486		100	99.8	✓											0.683	3.743
14	184	509		75	74.9	✓											1.162	6.391
15	185	534		50	50.3	✓											1.108	6.641
16	186	535		30	30.7	✓											1.244	6.870
17	187	578		20	20.0	✓											1.268	6.977
18	188	572		10	10.6	✓											1.274	7.029
19	189	641		0	0.6	✓											1.294	7.149
20																		
21																		
22																		
23																		

ENTERED BY:

JE

CHECKED BY:

Bottom Depth: 1139 ~

Cast # down: 030

Cast # up: 030

Time LOC UTC

Begin: 0003

Bottom: 0020

End: 0058

START POSITION (GPS)

LAT: 49° 39.58'

LONG: 127° 45.98'

BOTTOM POSITION (GPS)

LAT: 49 39.43

LONG: 127 46.27

END POSITION (GPS)

LAT: 49 39.32

LONG: 127 46.63

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LK 07UTC DATE y/m/d: 1999/05/18
CAST NO.: 031 O₂SHIP: 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 Serial #	D0 ml/l °C/dbar
1	190	588		80.5	1757	✓											0.201	1.072
2	191	632		1500	1501	✓											0.153	0.811
3	192	597		1200	1199.8	✓											0.072	0.367
4	193	638		1000	999.7	✓											0.063	0.313
5	194	650		1800	800.2	✓											0.052	0.251
6	195	657		600	599.2	✓											0.081	0.409
7	196	695		500	496.5	✓											0.118	0.635
8	197	697		400	400.0	✓											0.238	1.325
9	198	707		300	300.1	✓											0.279	1.619
10	199	709		250	250.8	✓											0.350	2.007
11	200	1241		200	199.3	✓											0.470	2.567
12	201	1243		175	175.2	✓											0.464	2.536
13	202	1280		150	149.8	✓											0.539	3.141
14	203	1244		125	122.9	✓											0.583	3.199
15	204	1248		100	97.8	✓											0.677	3.661
16	205	1247		75	75.5	✓											1.220	6.779
17	206	1249		50	51.0	✓											1.363	7.544
18	207	1251		30	30.4	✓											1.240	6.925
19	208	1252		20	19.8	✓											1.246	6.904
20	209	1211		10	10.0	✓											1.230	6.829
21	210	1256		0	1.0	✓											1.222	6.819
22																		
23																		

ENTERED BY: JE
CHECKED BY:Bottom Depth: 1748Cast # down: 031Cast # up: 031

Time	LOC	UTC
Begin:		0138
Bottom:		0202
End:		0244

START POSITION (GPS)	
LAT:	49° 35.67'
LONG:	127° 52.10'

BOTTOM POSITION (GPS)	
LAT:	49° 35.67'
LONG:	127° 52.08'

END POSITION (GPS)	
LAT:	49° 35.57'
LONG:	127° 52.38'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LH08UTC DATE y/m/d: 99/05/17
CAST NO.: 33 O2SHIP: 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 Dosage Serial #	DO ml/l °C/dbar
1	211	1224		Bot-10	B	/											0.244	1.322
2	212	1225		1500		/											0.134	0.714
3	213	1228		1200		/											0.082	0.423
4	214	1237		1000		/											0.067	0.337
5	215	1231		800		/											0.047	0.222
6	216	1233		600		/											0.070	0.350
7	217	1234		500													0.114	0.597
8	218	1235		400													0.184	0.983
9	219	1230		300													0.300	1.640
10	220	1254		250													0.381	2.109
11	221	1221		200													0.418	2.274
12	222	1257		175													0.468	2.584
13	223	1258		150													0.484	2.682
14	224	1260		125													0.603	3.378
15	225	1261		100													0.660	3.661
16	226	1264		75													0.929	5.198
17	227	1267		50													01.41	6.322
18	228	1268		30													1.155	6.498
19	229	1269		20													1.209	7.205
20	230	1270		10													1.173	6.994
21	231	1271		0													1.126	6.910
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 1124Cast # down: 33Cast # up: 33

Time	LOC	UTC
Begin:		0836
Bottom:		0903
End:		

START POSITION (GPS)		
LAT:	49	09.69
LONG:	127	22.30

BOTTOM POSITION (GPS)		
LAT:	49	09.74
LONG:	127	22.29

END POSITION (GPS)		
LAT:		
LONG:		

Comments:

122

Rosette Log

CRUISE ID: 9906
STATION NAME: Hucl

UTC DATE y/m/d: 99/05/18
CAST NO.: 35 O2

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 Dosage Serial #	DO ml/l °C/dbar
1	232	97		B-5	120	✓											0.274	1.506
2	233	84		100	100	✓											0.185	1.003
3	234	333		75	75	✓											0.190	1.041
4	235	255		50	60.1	✓											0.201	1.111
5	236	364		30	30.0	✓											0.210	1.156
6	237	337		20	19.7	✓											0.289	1.597
7	238	392		10	10.1	✓											0.460	2.526
8	239	708		0	14	✓											0.209	6.942
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EF
CHECKED BY:

Bottom Depth: 130

Cast # down: 035

Cast # up: 035

Time	LOC	UTC
Begin:		2250
Bottom:		2254
End:		2303

START POSITION (GPS)
LAT: 49° 37.45
LONG: 126° 03.50

BOTTOM POSITION (GPS)
LAT: 49° 34.44'
LONG: 126° 03.47'

END POSITION (GPS)
LAT: 49° 37.43'
LONG: 126° 03.43'

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/5/18

SHIP:

TULLY

STATION NAME:

M5KM

CAST NO.:

036 02

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 Dosage Serial #	DO ml/L °C/dbar
1	240	425		B-5	160.6	✓											0.189	1.024
2	241	443		150	150.0	✓											0.428	2.331
3	242	463		125	124.7	✓											0.541	2.986
4	243	467		100	100.4	✓											0.504	2.763
5	244	486		75	74.8	✓											0.418	2.276
6	245	509		50	49.9	✓											0.307	1.659
7	246	534		30	29.0	✓											0.305	1.797
8	247	535		20	19.9	✓											0.403	2.199
9	248	578		10	10.3	✓											0.554	3.045
10	249	572		0	1.1												1.466	8.094
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

JE

CHECKED BY:

Bottom Depth:

172

Cast # down:

036

Cast # up:

036

Time

LOC

UTC

Begin:

23:31

Bottom:

End:

23:46

START POSITION (GPS)

LAT:

49

38.97

N

LONG:

126

5.47

W

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

49

39.03

N

LONG:

126

5.49

W

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: MUC2UTC DATE y/m/d: 1999/5/19
CAST NO.: 037SHIP: 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 Serial #	DO m/l °C/dbar
1	250	1196		B-5	356	✓											0.057	0.280
2	251	1197		300		✓							✓				0.037	0.167
3	252	1201		250		✓											0.019	0.667
4	253	1198		200		✓							✓				0.050	0.242
5	254	1202		175		✓											0.170	0.906
6	255	1203		150		✓											0.677	3.780
7	256	1204		125		✓											0.650	3.605
8	257	1206		100		✓											0.596	3.311
9	258	1210		75		✓											0.587	3.236
10	259	1209		50		✓											0.379	2.066
11	260	1212		30		✓											0.360	1.974
12	261	1240		20		✓											0.435	2.344
13	262	1216		10		✓											0.611	3.417
14	263	1215		0		✓												
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JE
CHECKED BY:Bottom Depth: 369Cast # down: 037Cast # up: 037

Time	LOC	UTC
Begin:		0013
Bottom:		0019
End:		0037

START POSITION (GPS)		
LAT:	49° 40.17'	
LONG:	126° 09.57'	

BOTTOM POSITION (GPS)		
LAT:	49° 40.17'	
LONG:	126° 09.53'	

END POSITION (GPS)		
LAT:	49° 40.20	
LONG:	126° 09.48	

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/5/19

SHIP:

Tully

STATION NAME:

MUC3

CAST NO.:

038

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 PC O2 usage Serial #	DO ml/l °C/dbar
1	264	1218		B ₀ -5	359	✓											0.026	0.104
2	265	1219		300		✓											0.035	0.152
3	266	1222		250		✓											0.069	0.235
4	267	1238		200		✓											0.070	0.350
5	268	1223		175		✓											0.278	1.526
6	269	1241		150		✓											0.746	4.098
7	270	1243		125		✓											0.777	4.274
8	271	1280		100		✓											0.664	3.880
9	272	1244		75		✓											0.672	3.693
10	273	1248		50		✓											0.443	2.418
11	274	1249		30		✓											0.405	2.214
12	275	1247		20		✓											0.630	3.481
13	276	1251		10		✓											0.799	4.448
14	277	1252		0		✓											1.301	7.216
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

JE

CHECKED BY:

Bottom Depth: 371

Cast # down: 038

Cast # up: 038

Time LOC UTC

Begin: 0121

Bottom: 0127

End: 0147

START POSITION (GPS)

LAT: 49° 39.24'

LONG: 126° 14.23'

BOTTOM POSITION (GPS)

LAT: 49° 39.23'

LONG: 126° 14.21'

END POSITION (GPS)

LAT: 49° 39.13'

LONG: 126° 14.27'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: MUC4UTC DATE y/m/d: 1999/5/19
CAST NO.: 039 O₂SHIP: 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 Dosage Serial #	DO m/l/l °C / dbar
1	278	1211		B ₀₋₅	284	✓			T								0.015	0.044
2	279	1256		1250		✓											0.020	0.072
3	280	1224		200		✓											0.064	0.317
4	281	1225		175		✓											0.439	2.432
5	282	1228		150		✓											0.727	4.063
6	283	1237		125		✓											0.743	4.142
7	284	1231		100		✓											0.779	4.306
8	285	1233		75		✓											0.728	4.009
9	286	1234		50		✓											0.561	3.093
10	287	1235		30		✓											0.541	2.967
11	288	1230		20		✓											0.715	3.963
12	289	1254		10		✓											0.850	4.754
13	290	1257		0		✓			V								1.329	7.411
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JE

CHECKED BY:

Bottom Depth: 290Cast # down: 039Cast # up: 039

Time LOC UTC

Begin: 0217

Bottom:

End: 0239

START POSITION (GPS)

LAT: 49° 38.51'LONG: 126° 20.69'

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 49° 38.48'LONG: 126° 20.73'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: MUC5UTC DATE y/m/d: 1999/5/19
CAST NO.: 040 02SHIP: 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 Dosage Serial #	DO ml/l °C/dbar
1	291	1258		Bo-5	250	/											0.785	4.374
2	292	1260		200	200	/											0.779	4.376
3	293	1261		175	174	/											0.792	4.401
4	294	1264		150	150	/											0.784	4.381
5	295	1267		125	124	/											0.798	4.409
6	296	1268		100	100	/											0.791	4.437
7	297	1269	/	75	75	/											0.719	4.268
8	298	1270		50	50	/											0.605	3.561
9	299	1271		30	30	/											0.669	4.088
10	300	1272		20	20	/											0.808	4.826
11	301	1273		10	10	/											1.008	5.950
12	302	1274		0	1	/											1.197	7.181
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EL
CHECKED BY:Bottom Depth: 250Cast # down: 040Cast # up: 040

Time	LOC	UTC
Begin:		03 18
Bottom:		03 23
End:		03 37

START POSITION (GPS)		
LAT:	49	39.00
LONG:	126	28 47

BOTTOM POSITION (GPS)		
LAT:	49	39 00
LONG:	126	28 43

END POSITION (GPS)		
LAT:	49	39 30
LONG:	126	28 34

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: TLU1UTC DATE y/m/d: 1999/05/19
CAST NO.: 041 O₂SHIP: 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 Depth	Serial #
1	303	97		8-5	250	/											0.768	4.294
2	304	84		200	199	/											0.802	4.484
3	305	333		175	175	/											0.784	4.425
4	306	255		150	149	/											0.782	4.439
5	307	364		125	125	/											0.739	4.169
6	308	337		100	99	/											0.703	3.943
7	309	392		75	74	/											0.722	3.987
8	310	708		50	50	/											0.677	3.811
9	311	425		30	30	/											0.572	3.181
10	312	443		20	20	/											0.665	3.643
11	313	463		10	10	/											0.905	5.022
12	314	467		0	0	/											1.244	6.879
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ET
CHECKED BY:Bottom Depth: 264Cast # down: 41Cast # up: 41

Time	LOC	UTC
Begin:		04 02
Bottom:		04 06
End:		04 21

START POSITION (GPS)		
LAT:	49	41 58
LONG:	126	31 01

BOTTOM POSITION (GPS)		
LAT:	49	41 57
LONG:	126	31 02

END POSITION (GPS)		
LAT:	49	41 64
LONG:	126	31 11

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/19

SHIP:

TULLY

STATION NAME:

MUC6

CAST NO.:

042 O₂

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 Disage Serial #	DO m/l. °C/dbar
1	315	486		0-5	106	/											0.793	4.353
2	316	509		75	75	/												
2	316	509		50	50	/											0.885	4.858
3	317	534		30	30	/											0.954	5.712
4	318	535		20	20	/											1.072	5.914
5	319	578		10	10	/											forgot to write it!!	
6	320	572		0	0	/											1.364	7.528
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

EP

CHECKED BY:

Bottom Depth:

116

Cast # down:

42

Cast # up:

42

Time

LOC

UTC

Begin:

05:12

Bottom:

05:15

End:

05:24

START POSITION (GPS)

LAT: 49 35 71

LONG: 126 35 75

BOTTOM POSITION (GPS)

LAT: 49 35 68

LONG: 126 35 77

END POSITION (GPS)

LAT: 49 35 63

LONG: 126 35 80

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/19

SHIP:

TULLY

STATION NAME:

LH01

CAST NO.:

083

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	321			B-5	28	/												02
2	322			30	25	/												
3	323			20	21	/												
4	324			10	10	/												
5	325			0	0													
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
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19																		
20																		
21																		
22																		
23																		

Samples lost

ENTERED BY:

EF

CHECKED BY:

Bottom Depth:

35

Cast # down:

43

Cast # up:

43

Time

LOC

UTC

Begin:

0618

Bottom:

0620

End:

0625

START POSITION (GPS)

LAT:

49 38 38

LONG:

126 44 23

BOTTOM POSITION (GPS)

LAT:

49 34 40

LONG:

126 44 26

END POSITION (GPS)

LAT:

49 34 40

LONG:

126 44 30

Comments:

No oxygen sample. knobs are in open position.

Rosette Log

CRUISE ID: 9906
STATION NAME: L402

UTC DATE y/m/d: 1999/05/19
CAST NO.: 44 02

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 Dosage Serial #	DO ml/l °C/dbar
1	326	650		B-5		/											0.874	4.850
2	327	657		30		/											1.070	5.880
3	328	695		20		/											1.118	6.365
4	329	697		10		/											1.281	7.312
5	330	707		0		/											1.210	7.163
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 55

Cast # down: 44
Cast # up: 14

Time	LOC	UTC
Begin:		0658
Bottom:		0700
End:		0705

START POSITION (GPS)
LAT: 49 32.15
LONG: 126 47.35

BOTTOM POSITION (GPS)
LAT: 49 32.16
LONG: 126 47.35

END POSITION (GPS)
LAT: 49 32.20
LONG: 126 47.42

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: L104

UTC DATE y/m/d: 99/05/19
CAST NO.: 046

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 Dosage Serial #	0.0 ml/l °C/dbar
1	331	709		130H-5		/											0.351	2.013
2	332	641		100		/											0.453	2.476
3	333	588		75		/											0.612	3.345
4	334	632		50		/											1.069	5.905
5	335	597		30		/											1.171	6.582
6	336	638		20		/											1.322	7.372
7	337	1196		10		/											1.304	7.250
8	338	1197		0		/												
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 139

Cast # down: 46

Cast # up: 46

Time	LOC	UTC
Begin:		0839
Bottom:		0843
End:		0850

START POSITION (GPS)
LAT: 49 24.93
LONG: 126 58.79

BOTTOM POSITION (GPS)
LAT: 49 24.98
LONG: 126 58.88

END POSITION (GPS)
LAT: 49 24.96
LONG: 126 58.98

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LH06UTC DATE y/m/d: 99/05/19
CAST NO.: 048SHIP: CGCS 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 Pt	Dosage Serial#
1	339	1201		Bot - 10		✓											0.144	0.768
2	340	1198		400		✓											0.180	0.977
3	341	1202		300		✓											0.284	1.539
4	342	1203		250		✓											0.336	1.856
5	343	1204		200		✓											0.384	2.113
6	344	1206		175		✓											0.392	2.164
7	345	1210		150		✓											0.449	2.466
8	346	1209		125		✓											0.507	2.777
9	347	1212		100		✓											0.627	3.474
10	348	1240		75		✓											0.971	5.281
11	349	1216		50		✓											1.107	6.223
12	350	1215		30		✓											1.195	6.606
13	351	1218		20		✓											1.292	7.073
14	352	1219		10		✓											1.323	7.173
15	353	1222		0		✓											1.288	7.176
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: D.A.
CHECKED BY:Bottom Depth: 417Cast # down: 048Cast # up: 048

Time	LOC	UTC
Begin:		10:15
Bottom:		10:22
End:		10:38

START POSITION (GPS)		
LAT:	49	17.61
LONG:	127	10.50

BOTTOM POSITION (GPS)		
LAT:	49	17.62
LONG:	127	10.56

END POSITION (GPS)		
LAT:	49	17.60
LONG:	127	10.56

Comments: # 363 (Flag # 1204): Mistake 12 Times Sulfuric Acid!!!

Rosette Log

CRUISE ID: 9906
STATION NAME: LG08

UTC DATE y/m/d: 1999/05/19
CAST NO.: 49

SHIP: Thelma

Niskin No.	Sample No.	OXY. Flask	Sample 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			354	2000	2075													
2			355	2000	2075													
3			356	2000	2075													
4			357	2000	2075													
5			358	2000	2075													
6	354		359	1500	1500	✓												
7	355		360	1000	1060	✓												
8	356		361	600	600	✓												
9	357		362	500	500	✓												
10	358		363	300	299	✓												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JB
CHECKED BY:

Bottom Depth: 2076

Cast # down: 49
Cast # up: 49

Time	LOC	UTC
Begin:		23:38
Bottom:		00:04
End:		00:42

START POSITION (GPS)
LAT: 48 55.26 N
LONG: 127 13.26 W

BOTTOM POSITION (GPS)
LAT: 48 55.17 N
LONG: 127 13.52 W

END POSITION (GPS)
LAT: 48 55.41 N
LONG: 127 13.95 W

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LG06

UTC DATE y/m/d: 1999/05/20
CAST NO.: 51 O₂

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 Dosage Serial #	DO ml/l °C/dbar
1	359	1224		800	950	/											0.057	0.278
2	360	1225		800	800	/											0.052	0.253
3	361	1228		600	599	/											* 0.264	1.450
4	362	1237		500	500	/											0.121	0.641
5	363	1231		400	400	/											0.197	1.059
6	364	1233		300	299	/											0.286	1.551
7	365	1234		250	269	/											0.350	1.915
8	366	1235		200	200	/											0.403	2.200
9	367	1230		175	175	/											0.420	2.311
10	368	1254		150	150	/											0.472	2.622
11	369	1257		125	125	/											0.527	2.915
12	370	1258		100	100	/											0.518	2.873
13	371	1260		75	75	/											0.745	4.183
14	372	1261		50	50	/											1.074	5.982
15	373	1264		30	30	/											1.174	6.580
16	374	1267		20	20	/											1.291	7.150
17	375	1268		10	10	/											1.260	7.092
18	376	1269		0		/											1.181	7.037
19																		
20																		
21																		
22																		
23																		

ENTERED BY: G.A.
CHECKED BY:

Bottom Depth: 961

Cast # down: 51

Cast # up: 51

Time	LOC	UTC
Begin:		02:55
Bottom:		03:08
End:		03:41

START POSITION (GPS)
LAT: 49 3.52
LONG: 127 1.17

BOTTOM POSITION (GPS)
LAT: 49 3.54
LONG: 127 01.07

END POSITION (GPS)
LAT: 49 3.54
LONG: 127 01.28

Comments:

* error suspected for # 361 ... titration curve bizarre.

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/20

SHIP:

TULLY

STATION NAME:

L604

CAST NO.:

53 02

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 Dosage Serial #	DO m/l / °C / dbar
1	5	377	1138	8-5	133	/											0.377	2.340
2	6	378	1139	125	125	/											0.387	2.392
3	7	379	1141	100	100	/											0.421	2.604
4	8	380	1142	75	75	/											0.572	3.547
5	9	381	1144	50	49	/											0.738	4.623
6	10	382	1146	30	30	/											0.904	5.691
7	11	383	1148	20	20	/											0.997	6.335
8	12	384	1150	10	10	/											1.149	7.198
9	13	385	1153	0		/											1.136	7.135
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

GA

CHECKED BY:

Bottom Depth:

146

Cast # down:

53

Cast # up:

53

Time

LOC

UTC

Begin:

05:14

Bottom:

05:18

End:

05:29

START POSITION (GPS)

LAT:

49 11 33

LONG:

126 49.39

BOTTOM POSITION (GPS)

LAT:

49 11 32

LONG:

126 49.37

END POSITION (GPS)

LAT:

49 11 32

LONG:

126 49.32

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LC01UTC DATE y/m/d: 99/05/20
CAST NO.: 58 O₂SHIP: 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 pt Dosage Serial #	DO ml/l °C/dbar
1	386	1154		Bot-5		✓											0.848	5.301
2	387	1168		30		✓											0.911	5.392
3	388	1171		20		✓											1.210	6.960
4	389	1158		10		✓											1.153	7.097
5	390	1175		0		✓											1.317	7.392
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:Bottom Depth: 56Cast # down: 58Cast # up: 58

Time	LOC	UTC
Begin:		7:57
Bottom:		7:59
End:		8:02

START POSITION (GPS)	
LAT:	49 20.47
LONG:	126 35.65

BOTTOM POSITION (GPS)	
LAT:	49 20.47
LONG:	126 35.04

END POSITION (GPS)	
LAT:	49 20.47
LONG:	126 35.04

Comments:

→ ran blanks & standardization (O₂ titration kit)

Rosette Log

CRUISE ID: 9906
STATION NAME: 01

UTC DATE y/m/d: 1999/5/20
CAST NO.: 62 02

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 Dosage Serial #	DO ml/l °C/dbar
1	391			Bo-2		/											contaminated	
2	392	1139		15		/											0.996	6.218
3	393	1141		12		/											1.013	6.321
4	394	1142		10		/											1.079	6.720
5	395	1144		8		/											1.085	6.809
6	396	1146		6		/											1.115	7.020
7	397	1148		4		/											1.086	6.895
8	398	1150		2		/											1.137	7.113
9	399	1153		0		/											1.149	7.207
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: Julie
CHECKED BY:

Bottom Depth: 26

Cast # down: 62

Cast # up: 62

Time	LOC	UTC
Begin:		23:31
Bottom:		
End:		23:38

START POSITION (GPS)
LAT: 48 55.18
LONG: 125 31.02

BOTTOM POSITION (GPS)
LAT: 48 55.18
LONG: 125 31.02

END POSITION (GPS)
LAT: 48 55.18
LONG: 125 31.02

Comments:

#391) looks like flask was cocked with an air bubble after pickling

Rosette Log

CRUISE ID: 9906
STATION NAME: U3UTC DATE y/m/d: 1999/5/20
CAST NO.: 63 O₂SHIP: 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 Doseage Serial #	D0 m/1. °C/dbar
1	400	1168		Bo-2	16	✓											1.190	7.047
2	401	1171		12	15	✓											1.078	6.188
3	402	1158		10	12	✓											0.997	6.122
4	403	1175		8	10	✓											1.121	6.277
5	404	1174		6	8	✓											1.185	6.647
6	405	1182		4	6	✓											1.252	6.972
7	406	1176		2	4	✓											1.298	7.254
8	407	1177		0	2	✓											1.358	7.613
9	408				0													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: Julia
CHECKED BY:Bottom Depth: 18Cast # down: 063Cast # up: 063

Time	LOC	UTC
Begin:		23:56
Bottom:		23:57
End:		00:02

START POSITION (GPS)		
LAT:	48	56.15
LONG:	125	31.92

BOTTOM POSITION (GPS)		
LAT:	48	56.15
LONG:	125	31.92

END POSITION (GPS)		
LAT:	48	56.16
LONG:	121	31.95

Comments:

Station U5 cancelled

Rosette Log

CRUISE ID: 9906
STATION NAME: LE01

UTC DATE y/m/d: 1999/5/21
CAST NO.: 064 02

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 Do sage Serial #	DO ml/l °C/dbar
1	408	1180		Bo-S	44	-											contaminated	
2	409	1188		30	30	/											0.924	5.146
3	410	1189		20	20	/											1.026	5.672
4	411	1190		10	10	/											1.194	6.640
5	412	1191		0	0	/											1.374	7.628
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: EF
CHECKED BY:

Bottom Depth: 46

Cast # down: 64
Cast # up: 64

Time	LOC	UTC
Begin:		03:35
Bottom:		03:36
End:		03:41

START POSITION (GPS)
LAT: 49 06 98
LONG: 126 00 97

BOTTOM POSITION (GPS)
LAT: 49 06 96
LONG: 126 00 97

END POSITION (GPS)
LAT: 49 06 96
LONG: 126 00 97

Comments: #408 never achieved an end point ... not pickled properly?

Rosette Log

CRUISE ID: 9906
STATION NAME: LE04UTC DATE y/m/d: 1999/05/21
CAST NO.: 065 02SHIP: 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 Dosage	DO ml/l
								OXY		CI3		NUT		CHL			Serial #	°C/dbar
1	413	1224		Bo-S	113	✓											0.362	1.978
2	414	1225		108	101	✓											0.392	2.164
3	415	1228		75	76	✓											0.918	5.133
4	416	1237		50	56	✓											1.128	6.300
5	417	1231		30	30	✓											1.246	6.868
6	418	1233		20	20	✓											1.256	6.936
7	419	1234		10	10	✓											1.292	7.165
8	420	1235		0	0	✓											1.292	7.132
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR

CHECKED BY:

Bottom Depth: 122Cast # down: 065Cast # up: 065

Time	LOC	UTC
Begin:		05:12
Bottom:		05:14
End:		05:23

START POSITION (GPS)		
LAT:	48	56 56
LONG:	126	15 07

BOTTOM POSITION (GPS)		
LAT:		
LONG:		

END POSITION (GPS)		
LAT:	48	56 53
LONG:	126	14 95

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LE06

UTC DATE y/m/d: 1999/05/21
CAST NO.: 066 02

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 Dosage Serial #	DO ml/L °C / dbar
1	421	1230		B-5	207	✓											0.321	1.755
2	422	1254		175	175	✓											0.357	1.971
3	423	1257		150	150	✓											0.359	1.970
4	424	1258		125	124	✓											0.457	2.526
5	425	1260		100	100	✓											0.517	2.887
* 6	426	1261		75	75	✓											0.724	4.014
7	427	1264		50	50	✓											1.096	6.131
8	428	1267		30	30	✓											1.145	6.335
9	429	1268		20	20	✓											1.217	6.839
* 10	430	1269		10	11	✓										*	1.274	7.584
11	431	1270		0	0	✓											1.159	6.851
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR
CHECKED BY:

Bottom Depth: 213Cast # down: 066Cast # up: 066

Time	LOC	UTC
Begin:		<u>6:37</u>
Bottom:		<u>6:40</u>
End:		<u>6:51</u>

START POSITION (GPS)
LAT: 48 48 52
LONG: 126 26 20

BOTTOM POSITION (GPS)
LAT: 48 48 52
LONG: 126 26 18

END POSITION (GPS)
LAT: 48 48 47
LONG: 126 26 17

Comments:

* #426 & #430 Air bubbles found under stoppers; must have gotten stuck after pickling.

Rosette Log

1003

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/21

STATION NAME:

LF08

CAST NO.:

067

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 Desage Serial #	0.0 m/s °C/dbar
1	432	1271		B-5	1240	✓							✓				0.075	0.419
2	433	1272		1000		✓							✓				0.058	0.306
3	434	1273		800		✓							✓				0.045	0.225
4	435	1274		600		✓							✓				0.078	0.427
5	436	1246		500		✓											0.114	0.594
6	437	1275		400		✓											0.178	1.018
7	438	1276		300		✓											0.279	1.678
8	439	1277		250		✓											0.367	2.078
9	440	1278		200		✓											0.411	2.479
10	441	1279		175		✓											0.497	2.962
11	442	97		150		✓											0.510	2.834
12	443	84		125		✓											0.498	2.765
13	444	333		100		✓											0.581	3.264
14	445	255		75		✓											0.917	5.205
15	446	364		50		✓												
16	447	337		30		✓											1.211	6.811
17	448	392		20		✓											1.255	6.949
18	449	708		10		✓											1.222	7.007
19	450	425		0		✓											1.220	6.821
20																		
21																		
22																		
23																		

ENTERED BY:

JE

CHECKED BY:

Bottom Depth:

1235 r

Cast # down:

067

Cast # up:

067

Time

LOC

UTC

Begin:

0835

Bottom:

0856

End:

0923

START POSITION (GPS)

LAT:

48° 50.01'

LONG:

126° 50.74'

BOTTOM POSITION (GPS)

LAT:

48° 50.00

LONG:

126° 50.66

END POSITION (GPS)

LAT:

48° 49.95

LONG:

126° 50.57

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/22

SHIP:

Tully

STATION NAME:

LA10

CAST NO.:

068

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	451			800	800	✓												
2	452			600	599	✓												
3	453			500	499	✓												
4	454			400	400	✓												
5	455			300	298	✓												
6																		
7																		
8																		
9																		
10																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CR

CHECKED BY:

Bottom Depth:

916

Cast # down:

068

Cast # up:

068

Time

LOC

UTC

Begin:

15:05

Bottom:

15.18

End:

15.33

START POSITION (GPS)

LAT: 47 58 99

LONG: 125 43 44

BOTTOM POSITION (GPS)

LAT: 47 58 91

LONG: 125 43 30

END POSITION (GPS)

LAT: 47 58 84

LONG: 125 43 17

Comments:

Salinity Calibration

Rosette Log

CRUISE ID: 9906
STATION NAME: LA08

UTC DATE y/m/d: 1999/05/22
CAST NO.: 70 02

SHIP: Tulley

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 Dosage Serial #	DO ml/l °C/dbar
1	456	1224		Bo-S	123	✓											0.414	2.268
2	457	1225		100		✓											0.679	3.778
3	458	1228		75		✓											0.946	5.291
4	459	1237		50		✓											1.132	6.323
5	460	1231		30		✓											1.230	6.812
6	461	1233		20		✓											1.272	7.025
7	462	1234		10		✓											1.219	6.758
8	463	1235		0		✓											1.268	6.666
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JB
CHECKED BY:

Bottom Depth: 142

Cast # down: 70
Cast # up: 70

Time	LOC	UTC
Begin:		0032
Bottom:		
End:		0045

START POSITION (GPS)
LAT: 48° 05.81'
LONG: 125° 30.24'

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48° 05.58
LONG: 125° 30.04

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LA07

UTC DATE y/m/d: 99/05/21
CAST NO.: 71

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	464																	
2																		
3																		
4																		
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: 151

Cast # down: 71

Cast # up: 71

Time LOC UTC
Begin: 01:30
Bottom: 01:32
End: 01:33

START POSITION (GPS)
LAT: 48 09.23
LONG: 125 23.81

BOTTOM POSITION (GPS)
LAT: 48 09.23
LONG: 125 23.80

END POSITION (GPS)
LAT: 48 09.23
LONG: 125 23.80

Comments:

Rosette Log

CRUISE ID: 906
STATION NAME: LA06

UTC DATE y/m/d: 99/05/22
CAST NO.: 172 02

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 Dosage Serial #	DO m/l °C / dbar
1	465	1230		Bot -10													0.380	2.084
2	466	1254		100													0.380	2.100
3	467	1257		75													0.538	2.972
4	468	1258		50													0.774	4.307
5	469	1260		30													1.100	6.187
6	470	1261		20													1.192	6.634
7	471	1264		10													1.532	8.886
8	472	1267		0													1.748	9.692
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 114 m

Cast # down: 172
Cast # up: 72

Time	LOC	UTC
Begin:		02:13
Bottom:		02:15
End:		

START POSITION (GPS)
LAT: 48 12.67
LONG: 125 17.10

BOTTOM POSITION (GPS)
LAT: 48 12.66
LONG: 125 17.11

END POSITION (GPS)
LAT: 48 12.66
LONG: 125 17.10

Comments:

175

Rosette Log

CRUISE ID: 9906
STATION NAME: LA01UTC DATE y/m/d: 99/05/22
CAST NO.: 74

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 Dosage	Serial # °C/dbar
1	473	1268		90-10	180	/											0.355	1.966
2	474	1269		150	150	/											0.356	2.088
3	475	1270		125	124	/											0.372	2.170
4	476	1271		100	100	/											0.392	2.374
5	477	1273		75	75	/											0.443	2.587
6	478	1272		50	50	/											0.526	3.122
7	479	1274		30	30	/											0.635	3.784
8	480	1246		20	21	/											0.775	4.267
9	481	1275		10	10	/											0.913	5.396
10	482	1276		0	0	/											1.229	7.543
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: GA
CHECKED BY:

Bottom Depth: 193

Cast # down: 74

Cast # up: 74

Time	LOC	UTC
Begin:	03:51	→
Bottom:	03:54	→
End:	03:58	→

START POSITION (GPS)	
LAT:	48 19.42
LONG:	125 04.039

BOTTOM POSITION (GPS)	
LAT:	48 19.42
LONG:	125 4.08

END POSITION (GPS)	
LAT:	48 19.42
LONG:	125 4.08

Comments:

312

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/22

STATION NAME:

LA 02

CAST NO.:

76 O₂

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 Dosage Serial #	DO ml/l. °C/dbar
1	483	97		307.5	300	/											0.323	1.780
2	484	84		300	300	/											0.325	1.791
3	485	333		250	250	/											0.336	1.870
4	486	255		206	200	/											0.340	1.904
5	487	337		175	174	/											0.359	1.991
6	488	364		150	155	/											0.358	1.996
7	489	708		125	125	/											0.382	2.162
8	490	392		100	100	/											0.535	2.940
9	491	425		75	75	/											0.589	3.272
10	492	443		50	50	/											0.699	3.826
11	493	463		30	29	/											0.986	5.468
12	494	467		20	19	/											1.112	6.136
13	495	486		10	10	/											1.188	6.531
14	496	509		0	0	/											forgot to write it down	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: G.A.

CHECKED BY:

Bottom Depth: 305?

Cast # down: 76

Cast # up: 76

Time LOC UTC

Begin: 5:30

Bottom: 5:36

End: 5:53

START POSITION (GPS)

LAT: 48 26.26

LONG: 124 51.39

BOTTOM POSITION (GPS)

LAT: 48 26.22

LONG: 124 51.39

END POSITION (GPS)

LAT: 48 26.18

LONG: 124 51.49

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: LA01

UTC DATE y/m/d: 1999/05/22
CAST NO.: 77 O₂

SHIP: _____

ENTERED BY: GA

CHECKED BY: _____

Bottom Depth: 267

Cast # down: 77

Cast # up: **72**

Time	LOC	UTC
Begin:	6	6:36
Bottom:		6:40
End:		6:55

START POSITION (GPS)	
LAT:	48 29.19
LONG:	124 43.87

BOTTOM POSITION (GPS)	
LAT: 48	29.19
LONG: 124	43.86

END POSITION (GPS)
LAT: 48 29.39
LONG: 124 44.01

[illegible]**Comments:**

Rosette Log

CRUISE ID: 9906
 STATION NAME: JF 61

UTC DATE y/m/d: 1999/05/22
 CAST NO.: 78

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		En/pt D03 Serial #	00 ml/l °C/dbar
1	510	597		BOT-5	40	✓											0.691	3.862
2	511	638		30		✓											0.738	4.094
3	512	1138		20		✓											0.703	4.393
4	513	1139		10		✓											0.897	5.595
5	514	1141		0													1.041	6.497
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
 CHECKED BY:

Bottom Depth:

Cast # down: 78

Cast # up: 78

Time LOC UTC
 Begin: 07:42
 Bottom:
 End: 07:49

START POSITION (GPS)
 LAT: 48° 34.08
 LONG: 124° 39.95

BOTTOM POSITION (GPS)
 LAT:
 LONG:

END POSITION (GPS)
 LAT: 48° 34.10
 LONG: 124° 39.97

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFG2UTC DATE y/m/d: 1999/05/22
CAST NO.: 79SHIP: 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 PC Dosage Serial #	DO m/l C/dbar
1	515	1142		Bot-5	123	✓											0.382	2.350
2	516	1144		100		✓											0.432	2.684
3	517	1146		75		✓											0.549	3.434
4	518	1148		50		✓											0.578	3.648
5	519	1150		30		✓											0.701	4.368
6	520	1153		20		✓											0.743	4.645
7	521	1154		10		✓											0.866	5.407
8	522	1168		0		✓											1.051	6.219
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY: ST
CHECKED BY:Bottom Depth: 130Cast # down: 79Cast # up: 79

Time	LOC	UTC
Begin:		08:12
Bottom:		08:17
End:		08:21

START POSITION (GPS)	
LAT:	48° 32.43
LONG:	124° 39.98

BOTTOM POSITION (GPS)	
LAT:	48° 34.42
LONG:	124° 40.02

END POSITION (GPS)	
LAT:	48° 32.42
LONG:	124° 40.02

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JF65UTC DATE y/m/d: 1999/05/22
CAST NO.: 82SHIP: 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 Point Oxygen Serial #	°C / dbar
1	523	1171		Bot-5	205	✓											0.372	2.108
2	524	1158		175		✓											0.348	2.108
3	525	1175		150		✓											0.385	2.129
4	526	1174		125		✓											0.372	2.172
5	527	1182		100		✓											0.445	2.452
6	528	1176		75		✓											0.455	2.517
7	529	1177		50		✓											0.659	3.673
8	530	1178		30		✓											0.789	4.371
9	531	1180		20		✓											0.890	4.973
10	532	1188		10		✓											0.983	5.477
11	533	1189		0		✓											1.163	6.435
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ST
CHECKED BY:Bottom Depth: 222Cast # down: 82Cast # up: 82

Time	LOC	UTC
Begin:		09:41
Bottom:		09:46
End:		09:58

START POSITION (GPS)	
LAT:	48 26.40
LONG:	124 40.07

BOTTOM POSITION (GPS)	
LAT:	48 26.38
LONG:	124 40.18

END POSITION (GPS)	
LAT:	48 26.50
LONG:	124 40.43

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFG6

UTC DATE y/m/d: 1999/05/21
CAST NO.: 83

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	534	1190		Bot-5		✓											0.471	2.595
2	535	1191		50		✓											0.583	3.213
3	536	1192		30		✓											0.666	3.694
4	537	1193		20		✓									*		0.785	4.331
5	538	1194		10		✓											1.048	5.796
6	539	1195		0		✓											1.076	5.903
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ST
CHECKED BY:

Bottom Depth: 83

Cast # down: 83
Cast # up: 83

Time	LOC	UTC
Begin:		10:26
Bottom:		10:29
End:		10:34

START POSITION (GPS)
LAT: 48 24.36
LONG: 124 40.11

BOTTOM POSITION (GPS)
LAT: 48 24.37
LONG: 124 40.12

END POSITION (GPS)
LAT: 48 24.42
LONG: 124 40.19

Comments: Took of the probe just before the end of the titration!

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/23

SHIP:

TULLY

STATION NAME:

62

CAST NO.:

86

02

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	540	97		80-5	143	✓											0.564	3.131
2	541	84		12.5	125	✓											0.629	3.494
3	542	333		100	100	✓											0.713	4.003
4	543	255		75	75	✓											0.825	4.665
5	544	364		50	50	✓											0.868	4.882
6	545	337		30	30	✓											0.916	5.126
7	546	392		20	20	✓											0.948	5.223
8	547	708		10	10	✓											0.929	5.301
9	548	425		0	0	✓											0.974	5.421
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

ZF

CHECKED BY:

Bottom Depth:

149

Cast # down:

86

Cast # up:

86

Time

LOC

UTC

Begin:

03:23

Bottom:

03:25

End:

03:35

START POSITION (GPS)

LAT:

48 22 92

LONG:

123 02 64

BOTTOM POSITION (GPS)

LAT:

48 22 92

LONG:

123 02 69

END POSITION (GPS)

LAT:

48 23 16

LONG:

123 02 60

Comments:

Ran Blanks & standards (O₂ kit) (again!) to test new chemicals.

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/03/23

SHIP:

TULLY

STATION NAME:

65

CAST NO.:

89 02

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 Do mg/l	Serial # °C/dbar
1	549	443		B-5	121	✓											0.607	3.309
2	550	463		125	120	✓											0.596	3.281
3	551	467		100	100	✓											0.623	3.412
4	552	486		75	75	✓											0.738	4.031
5	553	509		50	50	✓											0.806	4.402
6	554	534		30	30	✓											0.787	4.684
7	555	535		20	20	✓											0.892	4.893
8	556	572		10	10	✓											0.930	5.097
9	557	578		0	0	✓											1.001	5.509
10																		
11																		
12																		
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18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

E F.

CHECKED BY:

Bottom Depth:

128

Cast # down:

89

Cast # up:

89

Time

LOC

UTC

Begin:

05:58

Bottom:

06:01

End:

06:08

START POSITION (GPS)

LAT:

48 15 90

LONG:

123 09 02

BOTTOM POSITION (GPS)

LAT:

48 15 90

LONG:

123 09 84

END POSITION (GPS)

LAT:

48 15 93

LONG:

123 09 84

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFA1

UTC DATE y/m/d: 99/05/23
CAST NO.: 92

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Temperature or Pressure	
					Trip pressure	Confirmed Salinity	CFC		TCO		ALK		SAL		POC		Serial #	°C / dbar
1	558	657		Bot-10		✓											0.773	4.219
2	559	650		75		✓											0.786	4.339
3	560	695		50		✓											0.785	4.438
4	561	697		30		✓											0.825	4.674
5	562	707		20		✓											0.807	4.742
6	563	707		10		✓											0.860	4.971
7	564	641		0		✓											0.966	5.301
8																		
9																		
10																		
11																		
12																		
13																		
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20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 101

Cast # down: 92
Cast # up: 92

Time LOC UTC
Begin: 743
Bottom: 746
End:

START POSITION (GPS)
LAT: 48 22 . 13
LONG: 123 19 . 97

BOTTOM POSITION (GPS)
LAT: 48 22 . 15
LONG: 123 19 . 97

END POSITION (GPS)
LAT: 48 22 . 17
LONG: 123 19 . 95

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFA2

UTC DATE y/m/d: 99/05/23
CAST NO.: 93

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 DO Serial #	DO with C/dbar
1	565	1224		8.4-10													0.805	4.435
2	566	1225		30													0.865	4.473
3	567	1228		20													0.881	4.910
4	568	1237		10													0.963	5.308
5	569	1231		0													0.963	5.308
6																		
7																		
8																		
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22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 46

Cast # down: 93
Cast # up: 93

Time	LOC	UTC
Begin:		08:09
Bottom:		08:12
End:		

START POSITION (GPS)
LAT: 48 20 . 75
LONG: 123 20 . 05

BOTTOM POSITION (GPS)
LAT: 48 20 . 74
LONG: 123 20 . 07

END POSITION (GPS)
LAT: 48 20 . 73
LONG: 123 20 . 10

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFA3

UTC DATE y/m/d: 99/05/23
CAST NO.: 94

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	CI3	ALK	NUT	SAL	CHL	POC		Serial #	°C / dbar
1	570	1233		Bott-10		✓											0.557	3.047
2	571	1234		75		✓											0.504	2.765
3	572	1235		50		✓											0.517	2.824
4	573	1230		30		✓											0.696	3.841
5	574	1254		20													0.732	4.072
6	575	1257		10													0.781	4.320
7	576	1258		0													0.844	4.686
8																		
9																		
10																		
11																		
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21																		
22																		
23																		

loose stopper
Bot 1
JFA3

ENTERED BY:
CHECKED BY:

Bottom Depth: 94

Cast # down: 94
Cast # up: 94

Time	LOC	UTC
Begin:		0846
Bottom:		0850
End:		

START POSITION (GPS)
LAT: 48 17.25
LONG: 123 19.99

BOTTOM POSITION (GPS)
LAT: 48 17.27
LONG: 123 20.01

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JPA4

UTC DATE y/m/d: 99/05/23
CAST NO.: 95

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	577	1260		BoH-10		✓											0.540	3.010
2	578	1261		30		✓											0.683	3.774
3	579	1264		20													0.757	4.210
4	580	1267		10													0.803	4.418
5	581	1268		0													0.832	4.649
6																		
7																		
8																		
9																		
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20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 55

Cast # down: 95
Cast # up: 95

Time LOC UTC
Begin: 09:22
Bottom: 09:24
End:

START POSITION (GPS)
LAT: 48 14.34
LONG: 123 20.05

BOTTOM POSITION (GPS)
LAT: 48 14.35
LONG: 123 20.07

END POSITION (GPS)
LAT: 48 14.36
LONG: 123 20.12

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFA5UTC DATE y/m/d: 99/05/23
CAST NO.: 96SHIP:

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 Dosage Serial #	DO m/l °C / dbar
1	582	1269		3011-10		✓											0.652	2.658
2	583	1270		75		✓											0.540	3.162
3	584	1271		50		✓											0.605	3.678
4	585	1273		30		✓											0.773	4.533
5	586	1272		20		✓											0.768	4.565
6	587	1274		10		✓											0.781	4.650
7	588	1246		0		✓											0.894	4.913
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 95Cast # down: 96Cast # up: 96

Time LOC UTC

Begin: 9:53Bottom: 9:56End: 10:01

START POSITION (GPS)

LAT: 48 11.86LONG: 123 20.07

BOTTOM POSITION (GPS)

LAT: 48 11.86LONG: 123 20.17

END POSITION (GPS)

LAT: 48 11.87LONG: 123 20.27Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFAGUTC DATE y/m/d: 99/05/23
CAST NO.: 97SHIP:

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 Dusage Serial #	DO ml/l °C / dbar
1	589	1275		Bott-10													0.522	3.050
2	590	1276		30													0.720	4.389
3	591	1277		20													0.756	4.565
4	592	1278		10													0.778	4.719
5	593	1279		0													0.804	4.004
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CHECKED BY: Bottom Depth: 57Cast # down: 97Cast # up: 97

Time	LOC	UTC
Begin:		10:27
Bottom:		10:28
End:		10:33

START POSITION (GPS)	
LAT:	48 09.24
LONG:	123 20.05

BOTTOM POSITION (GPS)	
LAT:	48 09.25
LONG:	123 20.05

END POSITION (GPS)	
LAT:	48 09.27
LONG:	123 20.11

Comments:

Rosette Log

CRUISE ID: 79906
STATION NAME: JFD4

UTC DATE y/m/d: 99/05/24
CAST NO.: 99 02

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 Dosage Serial #	DO ml/l °C/dbar
1	594	1224		BoH-10		✓										*	?	?
2	595	1225		175		✓											0.357	1.965
3	596	1228		150		✓											0.355	1.958
4	597	1230		125		✓											0.363	1.987
5	598	1231		100		✓											0.544	2.984
6	599	1233		75		✓											0.660	3.616
7	600	1234		50													0.706	3.887
8	601	1235		30													0.742	4.067
9	602	1237		20													0.740	4.108
10	603	1246		10													0.791	4.343
11	604	1254		0													0.880	4.902
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 193

Cast # down: 99
Cast # up: 99

Time	LOC	UTC
Begin:		0236
Bottom:		0239
End:		0251

START POSITION (GPS)
LAT: 48 17.46
LONG: 124 00.03

BOTTOM POSITION (GPS)
LAT: 48 17.47
LONG: 124 00.03

END POSITION (GPS)
LAT: 48 17.44
LONG: 124 00.03

Comments:

594 never reached an endpoint.

Rosette Log

CRUISE ID: 9906
STATION NAME: SFD3

UTC DATE y/m/d: 99/05/24
CAST NO.: 100 02

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 Dosage Serial #	DO ml/l °C/dbar
1	605	1257		13-5	158	✓											0.348	1.906
2	606	1258		150	150	✓											0.350	1.923
3	607	1260		125	125	✓											0.360	1.995
4	608	1261		100	100	✓											0.486	2.676
5	609	1264		75	75	✓											0.658	3.655
6	610	1267		50	50	✓											0.759	4.174
7	611	1268		30	30	✓											0.771	4.306
8	612	1269		20	20	✓											0.745	4.405
9	613	1270		10	10	✓											0.757	4.447
10	614	1271		0	0	✓											0.778	4.740
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR
CHECKED BY:

Bottom Depth: 165

Cast # down: 100

Cast # up: 100

Time	LOC	UTC
Begin:		3:14
Bottom:		3:17
End:		3:25

START POSITION (GPS)
LAT: 48 19 76
LONG: 123 59 95

BOTTOM POSITION (GPS)
LAT: 48 19 75
LONG: 123 59 91

END POSITION (GPS)
LAT: 48 19 72
LONG: 123 59 77

Comments:

122

Rosette Log

CRUISE ID: 9906
STATION NAME: 5FDZ

UTC DATE y/m/d: 99/05/24
CAST NO.: 101

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 Dosage	Serial #
1																		
2	615	1272		8-5	116	✓											0.411	2.426
3	616	1273		100	101	✓											0.503	2.937
4	617	1274		75	75	✓											0.641	3.810
5	618	1275		50	50	✓											0.730	4.294
6	619	1276		30	30	✓											0.740	4.511
7	620	1277		20	20	✓											0.762	4.602
8	621	1278		10	10	✓											0.769	4.664
9	622	1279		0	0	✓											0.810	4.840
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR
CHECKED BY:

Bottom Depth: 122

Cast # down: 101
Cast # up: 101

Time	LOC	UTC
Begin:		3: 45
Bottom:		3: 47
End:		3: 53

START POSITION (GPS)
LAT: 48 21 85
LONG: 123 59 83

BOTTOM POSITION (GPS)
LAT: 48 21 86
LONG: 123 59 76

END POSITION (GPS)
LAT: 48 21 81
LONG: 123 59 63

Comments:

Rosette Log

51

CRUISE ID: 9906
STATION NAME: JFD1UTC DATE y/m/d: 99/05/24
CAST NO.: 102 02SHIP: 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 Dosage Serial #	DO ml/l. °C/dbar
1	623	97		50	43	✓											0.853	4.752
2	624	84		30	31	✓											0.868	4.835
3	625	333		20	20	✓											0.860	4.836
4	626	255		10	11	✓											0.855	4.836
5	627	364		0	0	✓											0.865	4.865
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR

CHECKED BY:

Bottom Depth: 49Cast # down: 102Cast # up: 102

Time	LOC	UTC
Begin:		4:10
Bottom:		4:10
End:		4:15

START POSITION (GPS)		
LAT:	48 23	11
LONG:	124 0	0

BOTTOM POSITION (GPS)		
LAT:	48 23	11
LONG:	124 0	

END POSITION (GPS)		
LAT:	48 23	10
LONG:	124 0	28

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

99/05/24

SHIP:

TULLY

STATION NAME:

JFE1

CAST NO.:

103 O₂

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 DO m/l/l.	Serial # °C/dbar
1	628	337		30	25	✓											0.889	4.974
2	629	392		20	20	✓											0.909	5.007
3	630	708		10	10	✓											0.881	5.025
4	631	425		0	0	✓											0.909	5.057
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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18																		
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20																		
21																		
22																		
23																		

ENTERED BY:

CR

CHECKED BY:

Bottom Depth:

29

Cast # down:

103

Cast # up:

103

Time

LOC

UTC

Begin:

5:33

Bottom:

5:34

End:

5:36

START POSITION (GPS)

LAT: 48 27 25

LONG: 124 14 85

BOTTOM POSITION (GPS)

LAT: 48 27 24

LONG: 124 14 82

END POSITION (GPS)

LAT: 48 27 23

LONG: 124 14 76

Comments:

Rosette Log

142

CRUISE ID: 9906
STATION NAME: 7FE2UTC DATE y/m/d: 99/05/24
CAST NO.: 104 O₂SHIP: 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 Dosage	Serial # °C/dbar
1	632	443		30-5	130	✓											0.360	1.949
2	633	463		125	124	✓											0.357	1.952
3	634	467		100	100	✓											0.559	3.058
4	635	486		75	75	✓											0.666	3.634
5	636	509		50	50	✓											0.770	4.203
6	637	534		30	30	✓											0.732	4.354
7	638	535		20	20	✓											0.812	4.451
8	639	572		10	10	✓											0.833	4.562
9	640	578		0	0	✓											0.891	4.900
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR
CHECKED BY:Bottom Depth: 137Cast # down: 104Cast # up: 104

Time	LOC	UTC
Begin:		<u>5:59</u>
Bottom:		<u>6:02</u>
End:		<u>6:08</u>

START POSITION (GPS)		
LAT:	<u>48</u>	<u>25</u> <u>19</u>
LONG:	<u>124</u>	<u>14</u> <u>78</u>

BOTTOM POSITION (GPS)		
LAT:	<u>48</u>	<u>25</u> <u>18</u>
LONG:	<u>124</u>	<u>14</u> <u>68</u>

END POSITION (GPS)		
LAT:	<u>48</u>	<u>25</u> <u>16</u>
LONG:	<u>124</u>	<u>14</u> <u>51</u>

Comments:

sample 641 seems to have been skipped in numbering scheme

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

99/05/24

SHIP:

TULLY

STATION NAME:

JFE3

CAST NO.:

105 0₂

186

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 Dosage	Serial # °C/dbar
1	642	657		180-5	180	✓											0.247	1.325
2	643	650		175	175	✓											0.351	1.919
3	644	695		150	150	✓											0.343	1.919
4	645	697		125	124	✓											0.344	1.929
5	646	707		100	100	✓											0.404	2.356
6	647	641		75	75	✓											0.629	3.440
7	648	709		50	51	✓											0.720	4.156
8	649	588		30	29	✓											0.806	4.399
9	650	632		20	20	✓											0.815	4.473
10	651	597		10	10	✓											0.833	4.650
11	652	638		0	0	✓											0.867	4.802
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: CR

CHECKED BY:

Bottom Depth: 186

Cast # down: 105

Cast # up: 105

Time LOC UTC

Begin: 6:30

Bottom: 6:33

End: 6:43

START POSITION (GPS)

LAT: 48 23 23

LONG: 124 15 03

BOTTOM POSITION (GPS)

LAT: 48 23 22

LONG: 124 14 98

END POSITION (GPS)

LAT: 48 23 18

LONG: 124 14 90

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

99/05/24

SHIP:

TULLY

STATION NAME:

JFE4

CAST NO.:

106

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	653	1196		30-5	218	✓											143.91	0.356 1.951
2	654	1197		200		✓											144.35	0.359 1.962
3	655	1201		175		✓												0.357 1.950
4	656	1198		150		✓												0.358 1.978
5	657	1202		125		✓												0.390 2.122
6	658	1203		100		✓												0.421 2.328
7	659	1204		75		✓												0.585 3.248
8	660	1206		50		✓												0.703 3.897
9	661	1210		30		✓												0.797 4.389
10	662	1209		20		✓												0.802 4.397
11	663	1212		10		✓												0.874 4.829
12	664	1210		0		✓												0.993 5.377
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 227

Cast # down: 106

Cast # up: 106

Time LOC UTC

Begin: 0705

Bottom: 0709

End: 0721

START POSITION (GPS)

LAT: 48° 21.24'

LONG: 124° 14.98'

BOTTOM POSITION (GPS)

LAT: 48° 21.25'

LONG: 124° 15.02'

END POSITION (GPS)

LAT: 48° 21.23

LONG: 124° 15.01

Comments:

→ Missed to enter Flask #1204

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/24

SHIP:

TULLY

STATION NAME:

JFE6

CAST NO.:

107

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 Desage Serial #	°C / dbar
1	665	1216		B-10	208	✓											0.367	2.030
2	666	1215		2001		✓											0.380	2.067
3	667	1218		1751		✓											0.385	2.074
4	668	1219		150		✓											0.404	2.157
5	669	1227		125		✓											0.419	2.300
6	670	1238		100		✓											0.458	2.504
7	671	1223		75		✓											0.559	3.097
8	672	1241		50		✓											0.605	3.303
9	673	1243		30		✓											0.698	3.819
10	674	1280		20		✓											0.698	4.064
11	675	1244		10		✓											0.907	5.281
12	676	1248		0		✓											0.951	5.213
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 214

Cast # down: 107

Cast # up: 107

Time LOC UTC

Begin: 0745

Bottom: 0748

End: 0759

START POSITION (GPS)

LAT: 48° 19.24'

LONG: 124° 15.02'

BOTTOM POSITION (GPS)

LAT: 48° 19.24'

LONG: 124° 15.06'

END POSITION (GPS)

LAT: 48° 19.22'

LONG: 124° 15.06'

Comments: # 675, missed flask #, pressed G instead of F!!!

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/24

SHIP:

Tully

STATION NAME:

JFEB

CAST NO.:

108

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 Dosage Serial #	00 ml/l °C/dbar
1	677	1249		Bu-10	170	✓												0.403 2.196
2	678	1247		150		✓												0.468 2.567
3	679	1251		125		✓												0.411 2.262
4	680	1252		100		✓												0.432 2.360
5	681	1211		75		✓												0.525 2.881
6	682	1256		50		✓												0.567 3.131
7	683	1138		30		✓												0.560 3.484
8	684	1139		20		✓												0.623 3.862
9	685	1141		10		✓												0.802 4.980
10	686	1142		0		✓												0.884 5.481
11																		
12																		
13																		
14																		
15																		
16																		
17																		
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19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 177

Cast # down: 108

Cast # up: 108

Time LOC UTC

Begin: 08 19

Bottom: 08 22

End: 08 32

START POSITION (GPS)

LAT: 48° 17.77'

LONG: 124° 15.04'

BOTTOM POSITION (GPS)

LAT: 48° 17.77'

LONG: 124° 15.08'

END POSITION (GPS)

LAT: 48° 17.79'

LONG: 124° 15.12'

Comments:

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

1999/05/24

SHIP:

TULLY

STATION NAME:

JFE7

CAST NO.:

109

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 PC Disage	Serial # °C/dbar
1	687	1144		3-10	76	✓											0.410	2.540
2	688	1146		50		✓											0.510	3.180
3	689	1148		30		✓											0.583	3.671
4	690	1150		20		✓											0.687	4.268
5	691	1153		10		✓											0.796	4.965
6	692	1154		0		✓											0.854	5.315
7																		
8																		
9																		
10																		
11																		
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22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 84

Cast # down: 109

Cast # up: 109

Time LOC UTC

Begin: 08 50

Bottom: 08 53

End: 08 58

START POSITION (GPS)

LAT: 48° 16.34

LONG: 124° 15.00

BOTTOM POSITION (GPS)

LAT: 48° 16.37

LONG: 124° 15.04

END POSITION (GPS)

LAT: 48° 16.39

LONG: 124° 15.08

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFDP

UTC DATE y/m/d: 1999/05/24
CAST NO.: 110 02

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 Dosage Serial #	DU ml/l °C/dbar
1	693	1168		B-10	47	✓											0.697	4.098
2	694	1171		30		✓											0.755	4.309
3	695	1158		20		✓											0.771	4.710
4	696	1175		10		✓											0.888	4.949
5	697	1174		0		✓											0.987	5.512
6																		
7																		
8																		
9																		
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11																		
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20																		
21																		
22																		
23																		

ENTERED BY: JE
CHECKED BY:

Bottom Depth: 56

Cast # down: 110
Cast # up: 110

Time	LOC	UTC
Begin:		1014
Bottom:		1016
End:		1020

START POSITION (GPS)
LAT: 48° 11.90'
LONG: 124° 00.08'

BOTTOM POSITION (GPS)
LAT: 48° 11.90'
LONG: 124° 00.10'

END POSITION (GPS)
LAT: 48° 11.89
LONG: 124° 00.13

Comments: flask 463 retired → broken (?!)

Rosette Log

CRUISE ID: 9906
STATION NAME: JFDB

UTC DATE y/m/d: 1999/05/24
CAST NO.: 111 O2

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 Dosage Serial #	DO ml/l °C/dbar
1	698	1182		3.10	110	✓											0.471	2.593
2	699	1176		100		✓											0.467	2.579
3	700	1177		75		✓											0.516	2.861
4	701	1178		50		✓											0.685	3.779
5	702	1180		30		✓											0.739	4.111
6	703	1188		20		✓											0.763	4.230
7	704	1189		10		✓											0.777	4.274
8	705	1190		0		✓											0.855	4.729
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 122

Cast # down: 111

Cast # up: 111

Time	LOC	UTC
Begin:		1040
Bottom:		1043
End:		1051

START POSITION (GPS)		
LAT:	48	13.80
LONG:	124	06.02

BOTTOM POSITION (GPS)		
LAT:	48	13.79
LONG:	124	06.04

END POSITION (GPS)		
LAT:	48°	13.83'
LONG:	124°	06.07'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFDS

UTC DATE y/m/d: 1999/05/24
CAST NO.: 112

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		Serial #	°C / dbar
1	706	1191		30-10	174	✓											0.383	2094
2	707	1192		150		✓											0.388	2.132
3	708	1193		125		✓											0.396	2.162
4	709	1194		100		✓											0.451	2.466
5	710	1195		75		✓											0.555	3.019
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

RAN OUT OF FLASKS!

ENTERED BY: JE
CHECKED BY:

Bottom Depth: 183

Cast # down: 112
Cast # up: 112

Time	LOC	UTC
Begin:		1109
Bottom:		1112
End:		1119

START POSITION (GPS)
LAT: 48° 15.87'
LONG: 124° 00.05'

BOTTOM POSITION (GPS)
LAT: 48° 15.88'
LONG: 124° 00.06'

END POSITION (GPS)
LAT: 48° 15.85'
LONG: 124° 00.13'

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: 72

UTC DATE y/m/d: 1999/05/24
CAST NO.: 114 O₂

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 Dosage Serial #	DO ml/l °C/dbar
1	711	84		8-5		✓											0.356	1.963
2	712	97		175		✓											0.362	1.997
3	713	255		150		✓											0.350	1.959
4	714	333		125		✓											0.353	1.964
5	715	337		100		✓											0.487	2.709
6	716	364		75		✓											0.576	3.228
7	717	392		50		✓											0.697	3.831
8	718	425		30		✓											0.730	4.054
9	719	443		20		✓											0.751	4.102
10	720	467		10		✓											0.861	4.728
11	721	486		0		✓											0.885	4.841
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 188

Cast # down: 72

Cast # up: 72

Time	LOC	UTC
Begin:		2313
Bottom:		2317
End:		2400

START POSITION (GPS)		
LAT:	48	18.70
LONG:	124	04.25

BOTTOM POSITION (GPS)		
LAT:	48	18.74
LONG:	124	04.25

END POSITION (GPS)		
LAT:	48	18.76
LONG:	124	04.25

Comments:

154

Rosette Log

CRUISE ID: 9906
STATION NAME: 70UTC DATE y/m/d: 99/05/25
CAST NO.: 716 O₂SHIP:

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 Depth Serial #	DO m/l °C / dbar
1	722	509		804-10		-											0.369	1.997
2	723	534		125		-											0.340	2.003
3	724	535		100		-											0.401	2.181
4	725	572		75		-											0.498	2.714
5	726	578		50		-											0.717	3.937
6	727	588		30		-											0.809	4.416
7	728	597		20		-											0.798	4.453
8	729	632		10		-											0.877	4.816
9	730	638		0		-											0.904	5.008
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: Bottom Depth: 150Cast # down: 116Cast # up: 116

Time	LOC	UTC
Begin:		01:30
Bottom:		01:33
End:		01:42

START POSITION (GPS)		
LAT:	48	19 24
LONG:	123	59 30

BOTTOM POSITION (GPS)		
LAT:	48	19 25
LONG:	123	59 31

END POSITION (GPS)		
LAT:	48	19 25
LONG:	123	59 35

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: 69UTC DATE y/m/d: 99/05/25
CAST NO.: 117 O₂SHIP:

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 Dosage Serial #	°C/dbar
1	731	641		0.4-10		✓											0.369	2.004
2	732	650		150													0.369	2.019
3	733	657		125													0.371	2.007
4	734	695		100													0.430	2.415
5	735	697		75													0.542	3.059
6	736	707		50													0.688	4.038
7	737	708		30													0.787	4.485
8	738	709		20													0.840	4.854
9	739	1138		10													0.814	5.482
10	740	1139		0													0.839	5.215
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:
CHECKED BY: Bottom Depth: 179Cast # down: 117Cast # up: 117

Time	LOC	UTC
Begin:		02:16
Bottom:		02:19
End:		02:28

START POSITION (GPS)		
LAT:	48	15 58
LONG:	123	43 17

BOTTOM POSITION (GPS)		
LAT:	48	15 56
LONG:	123	43 23

END POSITION (GPS)		
LAT:	48	15 65
LONG:	123	43 36

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: 68UTC DATE y/m/d: 99/05/25
CAST NO.: 118 O₂SHIP: 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	741	1141		Bottom-10	133	/											0.381	2.346
2	742	1142		125	128	/							✓				0.463	2.478
3	743	1144		100	99	/											0.412	2.553
4	744	1146		75	74	/											0.466	2.902
5	745	1148		50	50	/											0.546	3.436
6	746	1150		30	30	/											0.628	3.898
7	747	1153		20	18	/											0.695	4.330
8	748	1154		10	9	/											0.817	5.083
9	749	1168		0	0	/											0.885	5.214
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ET
CHECKED BY:Bottom Depth: 141Cast # down: 118Cast # up: 118

Time	LOC	UTC
Begin:		<u>03:05</u>
Bottom:		<u>03:07</u>
End:		<u>03:16</u>

START POSITION (GPS)		
LAT:	<u>48</u>	<u>12 20</u>
LONG:	<u>123</u>	<u>43 17</u>

BOTTOM POSITION (GPS)		
LAT:	<u>48</u>	<u>12 20</u>
LONG:	<u>123</u>	<u>43 20</u>

END POSITION (GPS)		
LAT:	<u>48</u>	<u>12 22</u>
LONG:	<u>123</u>	<u>43 36</u>

Comments:

Salinity of bottle 2

Rosette Log

CRUISE ID:

9906

UTC DATE y/m/d:

99/05/25

SHIP:

TULLY

STATION NAME:

JEB1

CAST NO.:

125 02

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 Dose	DO ml/l
							OXY		C13		NUT		CHL				Serial #	°C/dbar
1	750	1171		B-5	145	✓											0.383	2.168
2	751	1158		125		✓											0.371	2.247
3	752	1175		100		✓											0.421	2.328
4	753	1174		75		✓											0.519	2.882
5	754	1182		50		✓											0.709	3.920
6	755	1176		30		✓											0.770	4.274
7	756	1177		20		✓											0.850	4.736
8	757	1178		10		✓											0.874	4.831
9	758	1180		0		✓											0.882	4.913
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

ST

CHECKED BY:

Bottom Depth:

152

Cast # down:

125

Cast # up:

125

Time

LOC

UTC

Begin:

07:12

Bottom:

07:16

End:

07:23

START POSITION (GPS)

LAT: 48 17.73

LONG: 123 35.24

BOTTOM POSITION (GPS)

LAT: 48 17.71

LONG: 123 35.19

END POSITION (GPS)

LAT: 48 17.68

LONG: 123 35.19

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: SFB2UTC DATE y/m/d: 1999/05/25
CAST NO.: 126 O₂SHIP: 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 Dosage Serial #	°C / dbar
1	759	1188		6-5	183	✓											0.358	1.967
2	760	1189		175		✓											0.359	1.956
3	761	1190		150		✓											0.359	1.966
4	762	1191		125		✓											0.402	2.200
5	763	1192		100		✓											0.501	2.763
6	764	1193		75		✓											0.590	3.237
7	765	1194		50		✓											0.705	3.874
8	766	1195		30		✓											0.751	4.097
9	767	1196		20		✓											0.819	4.532
10	768	1197		10		✓											1.064	5.881
11	769	1201		0		✓											0.904	5.010
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ST
CHECKED BY:Bottom Depth: 190Cast # down: 126Cast # up: 126

Time	LOC	UTC
Begin:		<u>07:49</u>
Bottom:		<u>07:53</u>
End:		<u>08:02</u>

START POSITION (GPS)	
LAT:	<u>48 15.84</u>
LONG:	<u>123 35.20</u>

BOTTOM POSITION (GPS)	
LAT:	<u>48 15.86</u>
LONG:	<u>123 35.19</u>

END POSITION (GPS)	
LAT:	<u>48 15.88</u>
LONG:	<u>123 35.23</u>

Comments:

Rosette Log

CRUISE ID: 9906
STATION NAME: JFB 3

UTC DATE y/m/d: 1999/05/25
CAST NO.: 127

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 Dosage Serial #	DO m/l C/dbar
1	770	1198		B-5	151	✓											0.386	2.136
2	771	1202		125		✓											0.394	2.145
3	772	1203		100		✓											0.482	2.670
4	773	1204		75		✓											0.590	3.256
5	774	1206		50		✓											0.629	3.483
6	775	1209		30		✓											0.672	3.679
7	776	1210		20		✓											0.795	4.322
8	777	1212		10		✓											0.897	4.957
9	778	1240		0		✓											0.953	5.159
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ST
CHECKED BY:

Bottom Depth: 160

Cast # down: 127
Cast # up: 127

Time	LOC	UTC
Begin:		08:29
Bottom:		08:33
End:		08:40

START POSITION (GPS)
LAT: 48 13.76
LONG: 123 35.31

BOTTOM POSITION (GPS)
LAT: 48 13.77
LONG: 123 35.30

END POSITION (GPS)
LAT: 48 13.80
LONG: 123 35.34

Comments:

ROSETTE LOG

MISSION ID: 9906
STATION NAME: JFBYUTC DATE y/m/d: 1999/05/25
CAST NUMBER: 128SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	779	1216		135	131	✓											0.443	2.458
2	780	1215		100		✓											0.464	2.532
3	781	1218		75		✓											0.507	2.742
4	782	1219		50		✓											0.616	3.306
5	783	1222		30		✓											0.767	4.127
6	784	1238		20		✓											0.930	5.120
7	785	1223		10		✓											0.925	5.147
8	786	1243		0		✓											0.943	5.172
9																		
10																		
11																		
12																		
13																		
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22																		
23																		
24																		

ENTERED BY: ST
CHECKED BY:Bottom Depth: 137Cast # down: 128Cast # up: 128

Time	LOC	UTC
Begin:		09:08
Bottom:		09:11
End:		09:17

START POSITION (GPS)		
LAT:	<u>48</u>	<u>11.73</u>
LONG:	<u>123</u>	<u>35.34</u>

BOTTOM POSITION (GPS)		
LAT:	<u>48</u>	<u>11.70</u>
LONG:	<u>123</u>	<u>35.38</u>

END POSITION (GPS)		
LAT:	<u>48</u>	<u>11.80</u>
LONG:	<u>123</u>	<u>35.33</u>

Comments:

ROSETTE LOG

MISSION ID:

9906

UTC DATE y/m/d:

1999/05/25

SHIP:

Tully

STATION NAME:

JFB5

CAST NUMBER:

129

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	787	1241		Bot-5	46	✓											0.755	4.131
2	788	1280		30		✓											0.769	4.208
3	789	1244		20		✓											0.843	4.623
4	790	1228		10		✓											0.938	5.141
5	791	1249		0		✓											0.991	5.449
6																		
7																		
8																		
9																		
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21																		
22																		
23																		
24																		

ENTERED BY:

ST

CHECKED BY:

Bottom Depth:

54

Cast # down:

129

Cast # up:

129

Time

LOC

UTC

Begin:

09:44

Bottom:

09:46

End:

09:50

START POSITION (GPS)

LAT:

48 9.81

LONG:

123 35.37

BOTTOM POSITION (GPS)

LAT:

48 9.86

LONG:

123 35.36

END POSITION (GPS)

LAT:

48 9.90

LONG:

123 35.35

Comments:

788, Missed the Flag # 1280, pressed 6 instead of F !!!!!

ROSETTE LOG

MISSION ID: 9906
STATION NAME: 56UTC DATE y/m/d: 99/05/26
CAST NUMBER: 131 O₂SHIP: TULLYNiskin Sample OXY. OXY. Sample
No. No. Flask Temp. DepthROSETTE OPERATION
Trip Confirmed
pressure SalinitySamples taken
SAL NUT ALK TCO
OXY CHL C13End pt
Dorage DO
ml/l.

1	792	1196		Bot	199	/		✓									0.752	4.158
2	793	1197		200	199	/		✓									0.733	4.041
3	794	1201		175	175	/		✓									0.739	4.089
4	795	1198		150	150	/		✓									0.745	4.155
5	796	1202		125	125	/		✓									0.782	4.296
6	797	1203		100	100	/		✓									0.818	4.555
7	798	1204		75	75	/		✓									0.898	4.973
8	799	1206		50	50	/		✓									0.901	5.004
9	800	1209		30	30	/		✓									0.922	5.060
10	801	1210		20	20	/		✓									0.941	5.188
11	802	1212		10	10	/		✓									1.067	5.903
12	803	1240		0	0	/		✓									1.085	5.878
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: EF.
CHECKED BY:Bottom Depth: 210Cast # down: 131Cast # up: 131

Time	LOC	UTC
Begin:	-	05:28
Bottom:		05:31
End:		05:43

START POSITION (GPS)	
LAT:	48 46.38
LONG:	123 01 69

BOTTOM POSITION (GPS)	
LAT:	48 46 38
LONG:	123 01 70

END POSITION (GPS)	
LAT:	48 46 45
LONG:	123 01 77

ROSETTE LOG

MISSION ID:

9906

UTC DATE y/m/d:

09/05/26

STATION NAME:

46

CAST NUMBER:

132

02

SHIP:

TULLY

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

ROSETTE OPERATION

Trip
pressure

Confirmed
Salinity

Samples taken

SAL

NUT

ALK

TCO

End
pt

Dosage

DO ml/l

1	804	1216		Bot -10		/												0.808	4.512
2	805	1215		150		/												0.841	4.617
3	806	1218		125		/												0.955	5.194
4	807	1219		100		/												0.965	5.198
5	808	1222		75		/												0.917	5.074
6	809	1238		50		/												0.887	4.882
7	810	1223		30		/												0.945	5.259
8	811	1243		20		/												1.037	5.690
9	812	1241		10		/												1.325	7.275
10	813	1280		0		/												1.250	7.306
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 178

Cast # down: 132

Cast # up: 132

Time	LOC	UTC
------	-----	-----

Begin: 7:01

Bottom: 7:05

End: 7:12

START POSITION (GPS)

LAT: 48 51.75

LONG: 123 10.79

BOTTOM POSITION (GPS)

LAT: 48 51.48

LONG: 123 10.79

END POSITION (GPS)

LAT: 48 51.54

LONG: 123 10.83

ROSETTE LOG

MISSION ID: 9906
STATION NAME: Sta. 42

UTC DATE y/m/d: 99/05/26
CAST NUMBER: 136 O₂

SHIP:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										End pt Dosage	DO ml/l
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	814	84		B-5	313	/											0.649	3.606
2	815	97		300	300	/											0.655	3.641
3	816	255		250	250	/											0.682	3.850
4	817	333		200	200	/											0.864	4.859
5	818	337		175	175	/											0.882	4.935
6	819	364		150	150	/											0.907	5.103
7	820	392		125	125	/											0.946	5.212
8	821	425		100	100	/											0.956	5.320
9	822	443		75	75	/											0.939	5.137
10	823	467		50	50												0.902	4.955
11	824	486		30	30												0.965	5.281
12	825	509		20	20												1.024	5.601
13	826	534		10	10												1.103	6.580
14	827	535		0	1												1.451	7.980
15	828				1													
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 323

Cast # down: 136
Cast # up: 136

Time	LOC	UTC
Begin:		10:22
Bottom:		10:39
End:		10:53

START POSITION (GPS)
LAT: 49 01. 78
LONG: 123 26. 24

BOTTOM POSITION (GPS)
LAT: 49 01. 75
LONG: 123 26. 27

END POSITION (GPS)
LAT: 49 01. 77
LONG: 123 26. 27

Comments: