

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LC08

UTC DATE y/m/d: 98/05/27
CAST NUMBER: 1

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	1			Bot -10	✓		✓	✓										
2	2			1500	✓		✓	✓										
3	3			1200	✓		✓	✓										
4	4			1000	1000		✓	✓										
5	5			800	801		✓	✓										
6	6			600	599		✓	✓										
7	7			500	497.5		✓	✓										
8	8			400	402		✓	✓										
9	9			300	299		✓	✓										
10	10			250	251		✓	✓										
11	11			200	200		✓	✓										
12	12			175	173		✓	✓										
13	13			150	150		✓	✓										
14	14			125	124		✓	✓										
15	15			100	100.5		✓	✓										
16	16			75	74.7		✓	✓										
17	17			50	49.3		✓	✓										
18	18			30	30		✓	✓										
19	19			20	19		✓	✓										
20	20			10	9.9		✓	✓										
21	21			0	1.8		✓	✓										
22																		
23																		
24																		

ENTERED BY: 3L
CHECKED BY:

Bottom Depth: 2001

Cast # down: 1
Cast # up: 1

Time	LOC	UTC
Begin:		0658
Bottom:		0730
End:		

START POSITION (GPS)
LAT: 48 55 37
LONG: 127 13 45

BOTTOM POSITION (GPS)
LAT: 48 55 60
LONG: 127 13 94

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9811
STATION NAME: EPN 8

UTC DATE y/m/d: 98/05/28
CAST NUMBER: 2

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	22			2500		✓	✓											
2	23			1000		✓	✓											
3	24			500		✓	✓											
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 2551

Cast # down: 2
Cast # up: 2

Time LOC UTC
Begin:
Bottom:
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 98 11
STATION NAME: LS 09

UTC DATE y/m/d: 98 05 28
CAST NUMBER: 3

SHIP: Tully

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

ROSETTE OPERATION		Samples taken															
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO									
		OXY		CHL		C13											
1	26			Bottom-10	2505			✓	✓								
2	27			2000	2001			✓	✓								
3	28			1500	1500			✓	✓								
4	29			1200	1199			✓	✓								
5	30			1000	999			✓	✓								
6	31			800	801			✓	✓								
7	32			600	599.8			✓	✓								
8	33			500	498			✓	✓								
9	34			400	400			✓	✓								
10	35			300	300			✓	✓								
11	36			250	249.7			✓	✓								
12	37			200	202			✓	✓								
13	38			175	175			✓	✓								
14	39			150	149.6			✓	✓								
15	40			125	124.5			✓	✓								
16	41			100	99.6			✓	✓								
17	42			75	73.6			✓	✓								
18	43			50	49			✓	✓								
19	44			30	30.3			✓	✓								
20	45			20	20.4			✓	✓								
21	46			10	10.2			✓	✓								
22	47			0	0			✓	✓								
23																	
24																	

ENTERED BY: J Love
CHECKED BY:

Bottom Depth: 2520

Cast # down: 3

Cast # up: 3

Time	LOC	UTC
Begin:		<u>0740</u>
Bottom:		<u>0819</u>
End:		

START POSITION (GPS)
LAT: 49 15 86
LONG: 127 47 13

BOTTOM POSITION (GPS)
LAT: 49 15 58
LONG: 127 47 34

END POSITION (GPS)
LAT:
LONG:

Comments: * Stopcock of Niskin was loose

ROSETTE LOG

MISSION ID:

9811

UTC DATE y/m/d:

98 05 29

SHIP:

TULLY

STATION NAME:

BP08

CAST NUMBER:

5

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
							OXY		CHL		C13									
1	49			Bottom-10	2090		✓	✓												
2	50			2000	2000		✓	✓												
3	51			1500	1500		✓	✓												
4	52			1200	1200		✓	✓												
5	53			1000	1000		✓	✓												
6	54			800	796		✓	✓												
7	55			600	600		✓	✓												
8	56			500	500		✓	✓												
9	57			400	400		✓	✓												
10	58			300	300		✓	✓												
11	59			250	250		✓	✓												
12	60			200	200		✓	✓												
13	61			175	175		✓	✓												
14	62			150	150		✓	✓												
15	63			125	125		✓	✓												
16	64			100	100		✓	✓												
17	65			75	75		✓	✓												
18	66			50	50.6		✓	✓												
19	67			30	30.8		✓	✓												
20	68			20	20		✓	✓												
21	69			10	10		✓	✓												
22	70			0	0		✓	✓												
23																				
24																				

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 2091

Cast # down: 5

Cast # up: 5

Time LOC UTC

Begin: 0811

Bottom: 0900

End:

START POSITION (GPS)

LAT: 49 48 72

LONG: 128 16 85

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

ROSETTE LOG

MISSION ID: 9811
STATION NAME: EFF11

UTC DATE y/m/d: 98/05/30
CAST NUMBER: 7

SHIP: TULLY

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

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

1	22			75	75			✓							
2	73			50	50			✓							
3	74			30	30			✓							
4	75			20	20			✓							
5	76			10	9.9			✓							
6	77			0	0			✓							
7															
8															
9															
10															
11															
12															
13															
14															
15															
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17															
18															
19															
20															
21															
22															
23															
24															

ENTERED BY: SC
CHECKED BY:

Bottom Depth: 82

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0943
Bottom:		0946
End:		0952

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 48 59 23
LONG: 125 11 17

Comments:

ROSETTE LOG

MISSION ID: EFO 9
STATION NAME: _____

UTC DATE y/m/d: 98/05/30
CAST NUMBER: 9

SHIP: TULLY

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

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

1	78			75	74.8			✓							
2	79			50	50.7			✓							
3	80			30	30.4			✓							
4	81			20	20.1			✓							
5	82			10	10			✓							
6	83			0	0			✓							
7															
8															
9															
10															
11															
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21															
22															
23															
24															

ENTERED BY: J C
CHECKED BY: _____

Bottom Depth: 82

Cast # down: 9

Cast # up: 9

Time	LOC	UTC
Begin:		1031
Bottom:		1033
End:		1041

START POSITION (GPS)
LAT: 49 00 38
LONG: 125 10 71

BOTTOM POSITION (GPS)
LAT: _____
LONG: _____

END POSITION (GPS)
LAT: _____
LONG: _____

Comments: _____

9811

EFFØS

30 05 98

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION			Samples taken																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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52

ENTERED BY:	SL
CHECKED BY:	

Bottom Depth: 217

Cast # down:	11
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Cast # up: 11

Time	LOC	UTC
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Begin: 1129

Bottom:	1136
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End: 149

START POSITION (GPS)

LAT: 49 02 54

LONG: 125 09 05

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 40 02 6

LONG: 125 09 13

ROSETTE LOG

MISSION ID:

9811

UTC DATE y/m/d:

98 05 30

STATION NAME:

EFF03

CAST NUMBER:

12

SHIP:

Tully

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

ROSETTE OPERATION

Trip
pressure

Confirmed
Salinity

Samples taken

SAL OXY NUT CHL ALK C13 TCO

1	95			100		✓		✓											
2	96			75		✓		✓											
3	97			50		✓		✓											
4	98			30		✓		✓											
5	99			20		✓		✓											
6	100			10		✓		✓											
7	101			0		✓		✓											
8																			
9																			
10																			
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19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY:

SL

CHECKED BY:

Bottom Depth:

123

Cast # down:

12

Cast # up:

12

Time LOC UTC

Begin:

12 15

Bottom:

12 22

End:

12 30

START POSITION (GPS)

LAT: 49

4

23

LONG: 125

9

38

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 49

05

58

LONG: 125

11

64

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LA08

UTC DATE y/m/d: 1998/5/30
CAST NUMBER: 15

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C13								
1	102			125	125	✓	✓	✓												
2	103			100	100	✓														
3	104			75	75	✓														
4	105			50	50.4	✓														
5	106			30	30.8	✓														
6	107			20	20.7	✓														
7	108			10	10.2	✓														
8	109			0	1.6	✓	✓	✓												
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: AJE
CHECKED BY:

Bottom Depth: 142

Cast # down: 15
Cast # up: 15

Time	LOC	UTC
Begin:		2127
Bottom:		2131
End:		2141

START POSITION (GPS)
LAT: 48° 05.82'
LONG: 125° 30.71'

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

not recorded

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LA06

UTC DATE y/m/d: 98 05 30
CAST NUMBER: 17

SHIP: TULLY

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

ROSETTE OPERATION		Samples taken															
Trip	Confirmed	SAL		NUT		ALK		TCO									
pressure	Salinity		OXY		CHL		C13										
1	110			100	101	✓		✓	✓								
2	111			75	75	✓											
3	112			50	50	✓											
4	113			30	29.8	✓											
5	114			20	20.3	✓											
6	115			10	10	✓											
7	116			0	0	✓		✓	✓								
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

ENTERED BY: TL

CHECKED BY:

Bottom Depth: 112

Cast # down: 17

Cast # up: 11

Time	LOC	UTC
Begin:		23 20
Bottom:		23 23
End:		23 33

START POSITION (GPS)		
LAT:	48	12 91
LONG:	125	17 15

BOTTOM POSITION (GPS)		
LAT:	48	12 99
LONG:	125	17 09

END POSITION (GPS)		
LAT:	48	13 15
LONG:	125	17 05

Comments: * These samples were included in the oxygen file for the previous station (LA08) - the rest are in the correct file. 1/8

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LA04

UTC DATE y/m/d: 980531
CAST NUMBER: 19

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken													
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
								OXY		CHL		C13								
1	117			175	174	/	✓	/												
2	118			150	153	/	/	/												
3	119			125	124	/	/	/												
4	120			100	100	/	/	/												
5	121			75	74.5	/	/	/												
6	122			50	50.6	/	/	/												
7	123			30	30	/	/	/												
8	124			20	20	/	/	/												
9	125			10	10.2	/	/	/												
10	126			0	0	/	/	/												
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY: JL
CHECKED BY:

Bottom Depth: 185

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		0118
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 18°19.66'N
LONG: 125°04.01'W

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 9811
STATION NAME: LAP2

UTC DATE y/m/d: 980531
CAST NUMBER: 21

SHIP: Tuley

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	127			50-10	280	✓	✓	✓										
2	128			250	249.5	✓												
3	129			200	199.6	✓												
4	130			175	174.5	✓												
5	131			150	150.1	✓												
6	132			125	125.2	✓												
7	133			100	100.2	✓												
8	134			75	75.7	✓												
9	135			50	50.1	✓												
10	136			30	30.0	✓												
11	137			20	20.1	✓												
12	138			10	9.9	✓												
13	139			0	1.6	✓	✓	✓										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: ASE
CHECKED BY:

Bottom Depth: 304m

Cast # down: 21
Cast # up: 21

Time	LOC	UTC
Begin:		0311
Bottom:		0317
End:		0329

START POSITION (GPS)
LAT: 48° 26' 34"
LONG: 124° 51' 49"

BOTTOM POSITION (GPS)
LAT: 48° 26' 39"
LONG: 124° 51' 49"

END POSITION (GPS)
LAT: 48° 26' 37"
LONG: 124° 51' 41"

Comments:

ROSETTE LOG

MISSION ID:

9811

UTC DATE y/m/d:

98/05/31

SHIP:

TULLY

STATION NAME:

LA01

CAST NUMBER:

22

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	140			250	250.3	✓												
2	141			200	200.1	✓												
3	142			175	174.4	✓												
4	143			150	150.2	✓												
5	144			125	125.1	✓												
6	145			100	100.2	✓												
7	146			75	75.0	✓												
8	147			50	50.1	✓												
9	148			30	30.2	✓												
10	149			20	19.9	✓												
11	150			10	10.9	✓												
12	151			0	1.6	✓												
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

AJE

CHECKED BY:

Bottom Depth:

272

Cast # down:

22

Cast # up:

22

Time

LOC

UTC

Begin:

0415

Bottom:

0422

End:

0435

START POSITION (GPS)

LAT: 48 29.13'

LONG: 124 44.62'

BOTTOM POSITION (GPS)

LAT: 48 29.08'

LONG: 124 44.67'

END POSITION (GPS)

LAT: 48 28.95'

LONG: 124 44.66'

Comments: