

ROSETTE LOG

MISSION ID: 2001-30 STATION: LBP2 CAST NUMBER: 002 UTC DATE (dd/mm/yyyy): 03/10/2001

Niskin No.	Sample No.	OXY. Flask	OXY. Dosage ml	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	002	1210	0.424	88	100													D. Moore - undissolved particles ↓
2	003	1212	0.507	73	75													
3	004	1209	0.575	48	50													
4	005	1201	0.887	28	30													
5	006	1193	1.021	20	20													
6	007	1195	1.150	10	10													
7	008	1206	1.123	1.9	0													
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 95

Cast # down: 002

Cast # up:

Time	LOC	UTC
Begin:		1737
Bottom:		1738
End:		1745

START POSITION (GPS)

LAT: 50°03.99'

LONG: 127°54.15'

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 50°04.03'

LONG: 127°54.22'

ROSETTE LOG

MISSION ID:**STATION NAME:**

UTC DATE y/m/d:

CAST NUMBER:

SHIP: Tully

[illegible]

ENTERED BY:

CHECKED BY:

Bottom Depth: 1010 - deeper during cast

Cast # down:

Cast # up:

Time	LOC UTC	UTC
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Begin: 2120

Bottom: 2140

End: 22.5

START POSITION (GPS)

LAT: 50 1.358

LONG: 127 58.106

BOTTOM POSITION (GPS)

LAT: 50 1.376

LONG: 127 58.048

END POSITION (GPS)

LAT: 501.372

LONG: 127 58.140

Comments:

B-10 probably B-25

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: LBPGUTC DATE y/m/d: 4 OCTOBER 2001
CAST NUMBER: 009SHIP: JP TULLYNiskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

4 on the bottom

ROSETTE OPERATION

Samples taken

Trip
pressureConfirmed
Salinity

SAL

OXY

NUT

CHL

ALK

C13

TCO

1	028	1216	0.926	Bot-10	297			✓	✓										
2	29	1215	1.042	600	600			✓	✓										
3	30	1223	0.763	500	500			✓	✓										
4	31	1222	1.179	400	400			✓	✓										
5	32	1224	1.617	300	300				✓										
6	33	1225	2.241	250	250				✓										
7	34	1268	2.543	200	198				✓										
8	35	1228	2.742	175	174				✓										
9	36	1231	2.709	150	150				✓										
10	37	1237	3.216	125	125				✓										
11	38	1235	3.910	100	100				✓										
12	39	1233	3.965	75	73				✓										
13	40	1238	4.898	50	50				✓										
14	41	1241	4.645	30	25				✓										
15	42	1244	5.832	20	21				✓										
16	43	1243	5.983	10	10				✓										
17	44	1247	6.210	0	1				✓										
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 770

Cast # down:

Cast # up:

3/10/01 4/10/01

Time LOC UTC

Begin: 1812 0112Bottom: 1824 0124End: 1856 0156

START POSITION (GPS)

LAT: 49 56 161LONG: 128 05.524

BOTTOM POSITION (GPS)

LAT: 49 56.154LONG: 128 05.598

END POSITION (GPS)

LAT: 49 56.202LONG: 128 05.458

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: VERT1

UTC DATE y/m/d: 2001/10/04
CAST NUMBER: 16

SHIP:

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	45			2450																	
2	46			2400																	
3	47			2275																	
4	48			1950																	
5	49			1750																	
6	50			1500																	
7	51			1450																	
8	52			1300																	
9	53			1306																	
10	54			1200																	
11																					
12																					
13																					
14																					
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2257
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: Tow 3

UTC DATE y/m/d: 2001/10/05
CAST NUMBER: 19

SHIP:

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	1				2362										
2	2				2361										
3	3				2362										
4	4				2550										
5	5				2414										
6	6				2413										
7	7				2341										
8	8				2268										
9	9				2269										
10	10				1796										
11	11				1796										
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

ENTERED BY:
CHECKED BY:

Bottom Depth: 2530

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		2212
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: Tow 4

UTC DATE y/m/d: 2001/10/06
CAST NUMBER: 20

SHIP:

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					1467															
2					1515															
3					1507															
4					1365															
5					1355															
6					1389															
7					1462															
8					1399															
9					2481															
10					2430															
11					1802															
12					1437															
13					1378															
14					1245															
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

ENTERED BY:
CHECKED BY:

Bottom Depth: 2440

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0426
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: ERN

UTC DATE y/m/d: 2001/10/07
CAST NUMBER: 21

SHIP:

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	1				2162										
2	2				2100										
3	3				2000										
4	4				1900										
5	5				1700										
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:

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		0400
Bottom:		
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001 STATION: ERC CAST NUMBER: 022 UTC DATE (dd/mm/yyyy): 07/10/2001

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
							OXY				ALK		CHL					
1	45				2203	✓												
2	46				2100	✓												
3	47				2000	✓												
4	48				1900	✓												
5	49				1700	✓												
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP: Tully
ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0549
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: ERS

UTC DATE y/m/d: 2001/10/07
CAST NUMBER: 23

SHIP:

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				2100													
2	2				1920													
3	3				1850													
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: 2186

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0737
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: MV04

UTC DATE y/m/d: 2001/10/09
CAST NUMBER: 27

SHIP:

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				2432													
2	2				2428													
3	3				2430													
4	4				2402													
5	5				2398													
6	6				2348													
7	7				2347													
8	8				2248													
9	9				2249													
10	10				2098													
11	11				1951													
12	12				1648													
13	13				1650													
14	14				1648													
15	15				1465													
16	16				1395													
17	17				1298													
18	18				540													
19	19				540													
20	20				539													
21	21				539													
22	22				539													
23	23				539													
24	24				538													

ENTERED BY:
CHECKED BY:

Bottom Depth:

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0158
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30
STATION NAME: MV05A

UTC DATE y/m/d: 2001/10/09
CAST NUMBER: 29

SHIP:

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				1695													
2	2				1441													
3	3				1396													
4	4				1301													
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: 2500

Cast # down:
Cast # up:

Time	LOC	UTC
Begin:		0514
Bottom:		
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID: 2001-30 STATION: JFD5 CAST NUMBER: 64 UTC DATE (dd/mm/yyyy): 13/10/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
1	50			bot-5	✓ 173	x												Only bottle taken
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 179

Cast # down: 64
Cast # up: 64

Time LOC UTC
Begin:
Bottom: 19.14
End:

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID: 2001-30 STATION: JFD4 CAST NUMBER: 65 UTC DATE (dd/mm/yyyy): 13/10/01

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	51		1.816	bot+5	✓ 180	/	/											DATE+ TIME NOT
2	52		1.566	175	✓ 175	/	/											ENTERED FOR
3	53		1.548	150	✓ 150	/	/											THIS STAT. ON
4	54		1.545	125	✓ 124	/	/											
5	55		1.765	100	✓ 100	/	/											
6	56		2.097	75	✓ 75	/	/											
7	57		3.091	50	✓ 50	/	/											
8	58		3.442	30	✓ 29	/	/											
9	59		4.501	20	✓ 20	/	/											
10	60		5.106	10	✓ 10	/	/											
11	61		4.975	0	✓ 0	/	/											
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 185

Cast # down: 64
Cast # up: 64

Time	LOC	UTC
Begin:	1307	20:07
Bottom:		20:10
End:		20:18

START POSITION (GPS)
LAT: 48 17.70
LONG: 123 59.99

BOTTOM POSITION (GPS)
LAT: 48 17.70
LONG: 123 59.94

END POSITION (GPS)
LAT: 48 17.69
LONG: 123 59.91

ROSETTE LOG

MISSION ID: 2001-30 STATION: JFD3 CAST NUMBER: 66 UTC DATE (dd/mm/yyyy): 13/10/00

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL		NUT		TCO		C13						
						OXY				ALK		CHL						
1	62		1.484	Bot -5	✓ 155	✓	✓											Open
2	63		1.476	150	✓ 150	✓	✓											
3	64		1.515	125	✓ 125	✓	✓											
4	65		1.660	100	✓ 100	✓	✓											
5	66		2.307	75	✓ 75	✓	✓											
6	67		3.305	50	✓ 50	✓	✓											
7	68		3.480	30	✓ 30	✓	✓											
8	69		3.861	20	✓ 20	✓	✓											
9	70		4.464	10	✓ 9	✓	✓											
10	71		4.681	0	✓ 0	✓	✓											
11																		
12																		
13	BLANK	.387	.314															
14	BLANK	.391	.296															
15	BLANK	.512	.441		.007													
16	BLANK	.595	.568		-.005													
17	BLANK	.628	.543		.006													
18	BLANK	.524	.410		-.020													
19					.002													
20					.005													
21																		
22																		
23																		
24																		

Comments:

SHIP:
ENTERED BY:
CHECKED BY:

Bottom Depth: 162

Cast # down: 66
Cast # up: 66

Time	LOC	UTC
Begin:		2045
Bottom:		2056
End:		2107

START POSITION (GPS)
LAT: 48 19.72
LONG: 124 00.00

BOTTOM POSITION (GPS)
LAT: 48 19.66
LONG: 124 00.04

END POSITION (GPS)
LAT: 48 19.70
LONG: 124 00.01