

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/2/9

STATION NAME:

SZ3

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					
1	1			B-10	187	/												
2	2			200	187	/												
3	3			175		/												
4	4			150		/												
5	5			125		/												
6	6			100		/												
7	7			80		/												
8	8			60		/												
9	9			50		/												
10	10			40		/												
11	11			30		/												
12	12			20		/												
13	13			10		/												
14	14			0		/												
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: JWO
CHECKED BY: MR

Bottom Depth: 210

Cast # down: 1

Cast # up: 1

Time	LOC	UTC
Begin:		0324
Bottom:		0330
End:		0350

START POSITION (GPS)
LAT: 48° 37' 48"
LONG: 123° 30' 15"

BOTTOM POSITION (GPS)
LAT: 48° 37' 52"
LONG: 123° 30' 16"

END POSITION (GPS)
LAT: 48° 37' 57"
LONG: 123° 30' 22"

Comments:

ROSETTE LOG

MISSION ID: 9901
STATION NAME: P4

UTC DATE y/m/d: 99/02/10
CAST NUMBER: 5

SHIP: TVLLY

ENTERED BY: MR
CHECKED BY: HUGH

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		DM S						
1	15			B-20	1320	✓														
2	16			1250	1248	✓														
3	17			1000	1000	✓														
4	18			800	801	✓														
5	19			600	600	✓														
6	20			400	402	✓														
7	21			300		✓														
8	22			250		✓														
9	23			200		✓														
10	24			175		✓														
11	25			150		✓														
12	26			125		✓														
13	27			100		✓														
14	28			80		✓														
15	29			60		✓														
16	30			50		✓														
17	31			40		✓														
18	32			30	29	✓														
19	33			20	20	✓														
20	34			15	15	✓														
21	35			10	10	✓														
22	36			0	2	✓														
23																				
24																				

Bottom Depth: 1342

Cast # down: 5
Cast # up: 5

Time	LOC	UTC
Begin:	<u>1607</u>	<u>0907</u>
Bottom:	<u>1635</u>	<u>0835</u>
End:		

START POSITION (GPS)
LAT: 48 38 34
LONG: 126 40 16

BOTTOM POSITION (GPS)
LAT: 48° 38 44
LONG: 126° 40 64

END POSITION (GPS)
LAT:
LONG:

Comments:

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/14

STATION NAME:

TR12

CAST NUMBER:

12

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	37			B-20	2160	✓	✓	✓										
2	38			1750	1750	✓												
3	39			1500	1500	✓												
4	40			1250	1247	✓												
5	41			1000	998	✓												
6	42			800	800	✓												
7	43			600	600	✓												
8	44			400	400	✓												
9	45			300	301	✓												
10	46			250	250	✓												
11	47			200	200	✓												
12	48			175	175	✓												
13	49			150	150	✓												
14	50			125	125	✓												
15	51			100	100	✓												
16	52			75	74	✓												
17	53			50	49	✓												
18	54			25	25	✓												
19	55			10	10	✓												
20	56			0	0	✓	✓									6688	1216	
21																		
22																		
23																		
24																		

Comments:

ENTERED BY: HUGH

CHECKED BY:

Bottom Depth: 2160m

Cast # down: 12

Cast # up: 12

Time LOC UTC

Begin: 12 21

Bottom: 13 00

End: 1356

START POSITION (GPS)

LAT: 50 26 90

LONG: 129 59 03

BOTTOM POSITION (GPS)

LAT: 50 26 75

LONG: 129 58 78

END POSITION (GPS)

LAT: 50 26 48

LONG: 129 58.75

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/14

SHIP: Tully

STATION NAME:

TR15

CAST NUMBER:

14

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ATK		TCO					
								OXY		CHL	DMS	C13						
1	57			400	✓		✓	✓	✓		✓							
2	58			300	✓													
3	59			250	✓													
4	60			200	✓													
5	61			175	✓													
6	62			150	✓													
7	63			125	✓													
8	64			100	✓					✓								
9	65			80	✓													
10	66			60	✓													
11	67			50	✓													
12	68			40	✓													
13	69			30	✓													
14	70			20	✓													
15	71			15	✓													
16	72			10	✓													
17	73			0	✓													
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: FW

CHECKED BY: MR

Bottom Depth: 2760

Cast # down: 14

Cast # up: 14

Time LOC UTC

Begin: 2011

Bottom: 2019

End: 2043

START POSITION (GPS)

LAT: 50° 01.14

LONG: 130° 59.22

BOTTOM POSITION (GPS)

LAT: 50° 01.16

LONG: 130° 59.38

END POSITION (GPS)

LAT: 50° 01.03

LONG: 130° 59.52

Comments:

ROSETTE LOG

MISSION ID: 9901
STATION NAME: P26 "DMS" Cast
UTC DATE y/m/d: 99/02/17
CAST NUMBER: 17

SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		CHL		TCO					
1	74			400		/		✓	✓	✓		✓						
2	75			300		/		✓	✓	✓		✓						
3	76			280		/		✓	✓	✓		✓						
4	77			200		/		✓	✓	✓		✓						
5	78			175		/		✓	✓	✓		✓						
6	79			150		/		✓	✓	✓		✓						
7	80			125		/		✓	✓	✓		✓						
8	81			100		/		✓	✓	✓		✓						
9	82			80		/		✓	✓	✓		✓						
10	83			60		/		✓	✓	✓		✓						
11	84			50		/		✓	✓	✓		✓						
12	85			40		/		✓	✓	✓		✓						
13	86			30		✓		✓	✓	✓		✓						
14	87			20		✓		✓	✓	✓		✓						
15	88			15		✓		✓	✓	✓		✓						
16	89			10		✓		✓	✓	✓		✓						
17	90			0		✓		✓	✓	✓		✓						
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY: FW

CHECKED BY: MR

Bottom Depth: 4250

Cast # down: 17

Cast # up: 17

Time LOC UTC

Begin: 2052

Bottom: 2100

End: 2125

START POSITION (GPS)

LAT: 49° 59' 99"

LONG: 144° 59' 87"

BOTTOM POSITION (GPS)

LAT: 49° 59' 92"

LONG: 144° 59' 79"

END POSITION (GPS)

LAT: 49° 59' 85"

LONG: 144° 59' 92"

Comments:

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/18

STATION NAME:

F26 "DeepCast"

CAST NUMBER:

18

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Oxy	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	91			B-20		/	✓	✓	✓		✓	✓	✓	✓			3.280	
2	92			4000		✓											3.148	
3	93			3500		✓											2.912	
4	94			3000		✓											2.551	
5	95			2750		✓											2.250	
6	96			2500		✓											1.952	
7	97			2250		✓											1.649	
8	98			2000		✓											1.331	
9	99			1750		✓											0.945	
10	100			1500		✓											0.591	
11	101			1250		✓											0.429	
12	102			1000		✓											0.426	
13	103			800		✓											0.485	
14	104			600		✓											0.679	
15	105			400		✓											1.277	
16	106			300		✓											1.738	
17	107			200		✓											2.790	
18	108			150		✓											3.717	
19	109			100		✓											6.958	
20	110			75		✓											6.946	
21	111			50		✓											6.955	
22	112			25		✓											6.977	
23	113			10		✓											6.961	
24	114			0		✓											6.961	

ENTERED BY: J.W.

CHECKED BY:

Bottom Depth: 4250

Cast # down: 18

Cast # up: 10

Time LOC UTC

Begin: 1913 0313

Bottom: 0420

End:

START POSITION (GPS)

LAT: 49° 59.96

LONG: 144° 59.88

BOTTOM POSITION (GPS)

LAT: 49 59.75

LONG: 145 00.15

END POSITION (GPS)

LAT:

LONG:

Comments:

no CTD data file.

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/18

STATION NAME:

P26

"CFC" cast

CAST NUMBER:

23

SHIP:

TULLY

Niskin
No.Sample
No.OXY.
FlaskOXY.
Temp.Sample
Depth

ROSETTE OPERATION

Trip
pressureConfirmed
Salinity

SAL

OXY

NUT

CHL

ALK

C13

TCO

CFC

Samples taken

1	115			1500	✓		✓	X	X					✓					
2	116			1000	✓														
3	117			900	✓														
4	118			800	✓														
5	119			750	✓														
6	120			700	✓														
7	121			650	✓														
8	122			600	✓														
9	123			550	✓														
10	124			500	✓														
11	125			400	✓														
12	126			300	✓														
13	127			250	✓														
14	128			200	✓														
15	129			150	✓														
16	130			125	✓														
17	131			100	✓														
18	132			75	✓														
19	133			50	✓														
20	134			25	✓														
21	135			0	✓														
22																			
23																			
24																			

ENTERED BY:

ZW.

CHECKED BY:

DA / MR

Bottom Depth:

4246

Cast # down:

23

Cast # up:

23

Time

LOC

UTC

Begin:

1900

Bottom:

1927

End:

2009

START POSITION (GPS)

LAT: 50° 00' 94"

LONG: 144° 57' 59"

BOTTOM POSITION (GPS)

LAT: 50° 00' 97"

LONG: 144° 57' 28"

END POSITION (GPS)

LAT: 50° 01' 16"

LONG: 144° 57' 06"

Comments:

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/20

STATION NAME:

P20 Deep

CAST NUMBER:

32

SHIP: Tully

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										OXY ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	136			B-20		-	✓	✓	✓								3.051	
2	137			3500		-											2.874	
3	138			3000		-											2.468	
4	139			2750		-											2.201	
5	140			2500		-											1.921	
6	141			2250		-											1.560	
7	142			2000		-											1.259	
8	143			1750		-											0.888	
9	144			1500		-											0.535	
10	145			1250		-											0.337	
11	146			1000		-											0.326	
12	147			800		-											0.411	
13	148			600		-											0.662	
14	149			400													1.368	
15	150			300													1.990	
16	151			200													NO SAMPLE	
17	152			150													3.335	
18	153			100													4.940	
19	154			75													6.826	
20	155			50													6.752	
21	156			25													6.987	
22	157			10													6.866	
23	158			0													6.837	
24																		

Comments:

ENTERED BY:

J.W.

CHECKED BY:

D.A.

Bottom Depth: 3972

Cast # down: 32

Cast # up: 32

Time LOC UTC

Begin: 1541

Bottom: 1637

End: 1816

START POSITION (GPS)

LAT: 49 33.68

LONG: 138 38.21

BOTTOM POSITION (GPS)

LAT: 49 33.56

LONG: 138 37.51

END POSITION (GPS)

LAT: 49 34.40

LONG: 138 37.07

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/20

SHIP:

TULLY

STATION NAME:

P20 DMS

CAST NUMBER:

33

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										OXY	m/l
					Trip pressure	Confirmed Salinity	SAL		NUT		CHL	DMS	C13					
1	159			400	✓		✓	✓	✓		✓						1.470	
2	160			300	✓												2.137	
3	161			250	✓												2.525	
4	162			200	✓												3.091	
5	163			175	✓												3.392	
6	164			150	✓												3.632	
7	165			125	✓												3.971	
8	166			100	✓					✓							5.771	
9	167			80	✓												6.897	
10	168			60	✓												6.838	
11	169			50	✓												6.984	
12	170			40	✓												6.839	
13	171			30	✓												6.855	
14	172			20	✓												6.851	
15	173			15	✓												6.854	
16	174			10	✓												6.836	
17	175			0	✓												6.838	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

FW

CHECKED BY:

MR

Bottom Depth:

3971

Cast # down:

33

Cast # up:

33

Time

LOC

UTC

Begin:

2023

Bottom:

2032

End:

2054

START POSITION (GPS)

LAT: 49° 33' 87"

LONG: 138° 38' 47"

BOTTOM POSITION (GPS)

LAT: 49° 33' 85"

LONG: 138° 38' 96"

END POSITION (GPS)

LAT: 49° 33' 81"

LONG: 138° 38' 65"

Comments:

ROSETTE LOG

MISSION ID: 9901
STATION NAME: ED 01

EDDY

UTC DATE y/m/d: 99/02/21
CAST NUMBER: 35

SHIP: Tunny

ENTERED BY: J.W.
CHECKED BY:

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ATK	TCO						
1	176			1500	✓		✓	✓	✓									
2	177			1250	✓													
3	178			1000	✓													
4	179			800	✓													
5	180			600	✓													
6	181			400	✓													
7	182			300	✓													
8	183			250	✓													
9	184			200	✓													
10	185			175	✓													
11	186			150	✓													
12	187			125	✓													
13	188			100	✓													
14	189			75	✓													
15	190			50	✓													
16	191			25	✓													
17	192			10	✓													
18	193			0														
19																		
20																		
21																		
22																		
23																		
24																		

Bottom Depth: 4065

Cast # down: 35

Cast # up: 35

Time	LOC	UTC
Begin:		1009
Bottom:		1035
End:		1116

START POSITION (GPS)
LAT: 47° 44.78
LONG: 137° 40.98

BOTTOM POSITION (GPS)
LAT: 47° 44.75
LONG: 137° 41.23

END POSITION (GPS)
LAT: 47° 44.69
LONG: 137° 41.63

Comments:

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/21

SHIP: Tully

STATION NAME:

ED04

CAST NUMBER:

38

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										OXY ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ATK		TCO					
1	194			1500		/											0.610	
2	195			1250		/											0.332	
3	196			1000		/											0.277	
4	197			800		/											0.402	
5	198			600		/											0.884	
6	199			400		/											2.102	
7	200			300		/											2.679	
8	201			250		/											4.788	CRACKED
9	202			200		/											3.366	FLASH
10	203			175		/											3.262	
11	204			150		/											4.942	
12	205			125		/											6.538	
13	206			100		/											6.554	
14	207			75		/											6.600	
15	208			50		/											6.615	
16	209			25		/											6.617	6.642
17	210			10		/											CHL FOR DAVID - ALSO PP BOTTLES	
18	211			0		/											6.718	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

JLW

CHECKED BY:

M.R.

Bottom Depth:

4049

Cast # down:

38

Cast # up:

38

Time

LOC

UTC

Begin:

2045

Bottom:

2117

End:

2152

START POSITION (GPS)

LAT: 47°45.31

LONG: 136°40.01

BOTTOM POSITION (GPS)

LAT: 47°45.55

LONG: 136°40.28

END POSITION (GPS)

LAT: 47°45.63

LONG: 136°40.56

ROSETTE LOG

MISSION ID:

9901

UTC DATE y/m/d:

99/02/22

SHIP: TULLY

STATION NAME:

ED 07

CAST NUMBER:

42

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										OXY m/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK	TCO						
								OXY	CHL	PP	C13							
1	212			1500	/		✓	✓	✓								0.524	b) 0480
2	213			1250	/												0.325	b) 0323
3	214			1000	/												0.319	
4	215			800	/												0.459	
5	216			600	/												0.995	
6	217			400	/												2.147	
7	218			300	/												2.640	
8	219			250	/												2.841	
9	220			200	/												2.742	
10	221			175	/												3.219	
11	222			150													3.630	
12	223			125													6.696	
13	224			100													6.658	
14	225			75													6.577	
15	226			50													6.598	
16	227			25													6.607	6.604
17	228			10						✓	✓						BOTTLES FOR DAVID. PUT IN FRIDGE	
18	229			0													6.596	
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 7042

Cast # down: 42

Cast # up: 42

Time LOC UTC

Begin: 0437

Bottom: 0501

End: 0536

START POSITION (GPS)

LAT: 47 41.79

LONG: 135 40.04

BOTTOM POSITION (GPS)

LAT: 47 44.51

LONG: 135 40.11

END POSITION (GPS)

LAT: 47 44.18

LONG: 135 40.30

Comments:

ROSETTE LOG

MISSION ID: 9901
STATION NAME: P16UTC DATE y/m/d: 99/02/23
CAST NUMBER: 48 (47?)SHIP: TULLY

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken											
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK	TCO						
1	230			1500		/												
2	231			1250		/												
3	232			1000		/												
4	233			800		/												
5	234			600		/												
6	235			485	500	/												
7	236			300		/												
8	237			250		/												
9	238			200		/												
10	239			175		/												
11	240			150		/												
12	241			125														
13	242			100														
14	243			80														
15	244			60														
16	245			50														
17	246			40														
18	247			30														
19	248			20														
20	249			15														
21	250			10														
22	251			0														
23																		
24																		

Comments:

ENTERED BY: FW
CHECKED BY:Bottom Depth: 3645Cast # down: 48Cast # up: 48

Time	LOC	UTC
Begin:		16:18
Bottom:		16:45
End:		17:22

START POSITION (GPS)	
LAT:	49 17.23
LONG:	134 39.64

BOTTOM POSITION (GPS)	
LAT:	49 17.67
LONG:	134 40.16

END POSITION (GPS)	
LAT:	49 18.58
LONG:	134 40.52