

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: SMDUTC DATE y/m/d: 23/08/00
CAST NUMBER: 34SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										End Point Dosage	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	1	1295		230		✓											0.412	Called sample 100
2	2	1297	(1295)	250		✓											0.395	
3	3	1298		200		✓											0.378	
4	4	1299		175		✓											0.402	
5	5	1300		150		✓											0.378	
6	6	1301		125		✓											0.351	
7	7	1302		100		✓											0.375	
8	8	1303		90		✓											0.370	
9	9	1304		76		✓											0.399	
10	10	1305		50		✓											0.651	
11	11	1306		30		✓												
12	12	1307		20		✓											1.277	
13	13	1308		10		✓											1.041	
14	14	1309		0		✓											1.076	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: STARTS II, @ 230m then down to 250m then up to 200m. Had to reset sampling order from Richard Remy's Cruise.F50, F8.1, F11.3, F10.3, F6.0, F10.2, F11.3, F11.3

ENTERED BY:

CHECKED BY:

→ see over

Bottom Depth: 265Cast # down: 3Cast # up: 4

Time LOC UTC

Begin: 04:39

Bottom:

End:

START POSITION (GPS)

LAT: 51 18 27LONG: 127 36 93

BOTTOM POSITION (GPS)

LAT: 51 18.26LONG: 127 37.01

END POSITION (GPS)

LAT: 51 18.11LONG: 127 37.16

no bottle data

1002
01/01/3/26
1005
222

I called the first sample 100 instead of 1, and the flask 1297 instead of 1295

Sample #2, flask should be 1297 is instead called 1295

142.33

143.10

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: SM1UTC DATE y/m/d: 0008/23
CAST NUMBER: 5SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	15	1310		Bot-5	205	✓		✓									1.725	
2	16	1311		200	200	✓											2.209	
3	17	1312		175	175	✓											2.224	
4	18	1313		150	150	✓											2.263	
5	19	1314		125	125	✓											2.434	
6	20	1315		100	100	✓											2.028	
7	21	1316		75	75	✓											2.076	
8	22	1317		50	50	✓											4.606	
9	23	1318		30	30	✓											4.853	
10	24	1319		20	20	✓											5.422	
11	25	1320		10	10	✓											5.767	
12	26	1321		0	0	✓		✓									6.046	
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:Bottom Depth: 211Cast # down: 5Cast # up: 5

Time	LOC	UTC
Begin:		06:24
Bottom:		06:30
End:		

START POSITION (GPS)	
LAT:	51 18.779
LONG:	127 30.306

BOTTOM POSITION (GPS)	
LAT:	51 18.78
LONG:	127 30.30

END POSITION (GPS)	
LAT:	51 18.81
LONG:	127 30.32

Comments:

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/23

SHIP: VECTOR

STATION NAME:

Sm 2

CAST NUMBER:

7/7

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/L	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	27	1322		Bot - 10	370	✓											2.210	
2	28	1323		350	350	✓	#1										2.239	
3	29	1324		325	326	✓							473				2.792	too high
4	30	1325		300	300	✓	#2										2.252	
5	31	1334		275	273	✓											2.236	
6	32	1135		250	250	✓	#3										2.274	
7	33	1136		225	225	✓											2.344	
8	34	1137		200	200	✓											2.387	
9	35	1138		175	175	✓											2.425	
10	36	1141		150	150	✓	#4										2.306	
11	37	1142		125	125	✓											2.095	
12	38	1146		100	100	✓											1.549	
13	39	1148		75	75	✓											1.761	
14	40	1153		50	50	✓											2.906	
15	41	1158		30	30	✓											5.157	
16	42	1171		20	20	✓											5.560	Flask # repeatedly sampled
17	43	1174		10	10	✓											5.779	1400
18	44	1175		0	0	✓											5.859	
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 350

Cast # down: 6

Cast # up: 7

Time LOC UTC

Begin: 0800

Bottom: 0823

End: 0843

START POSITION (GPS)

LAT: 51 18 02

LONG: 127 30 32

BOTTOM POSITION (GPS)

LAT: 51 18 04

LONG: 127 22 56

END POSITION (GPS)

LAT: 51 18 04

LONG: 127 22 56

Comments:

Problems again with acquisition system

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: Sm 3UTC DATE y/m/d: 00/08/23
CAST NUMBER: 8

SHIP: VECTOR

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

ROSETTE OPERATION		Samples taken												Do ml/l	Comments
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
		OXY		CHL		C13									
1	45	1176		Rt-5	320	✓		✓						2.224	
2	46	1177		320	310	✓								2.200	
3	47	1180		300	300	✓	# 5							2.220	
4	48	1188		275	275	✓								spilled out by mistake	
5	49	1189		250	250	✓	# 6							2.416	
6	50	1191		225	225	✓								2.400	
7	51	1192		200	200	✓	# 7							2.458	
8	52	1193		175	175	✓								2.473	
9	53	1194		150	150	✓								2.333	
10	54	1195		125	125	✓								1.604	
11	55	1197		100	100	✓								1.304	
12	56	1198		75	75	✓								1.662	
13	57	1201		50	50	✓								3.844	
14	58	1202		30	30	✓								4.972	
15	59	1203		20	20	✓								5.499	
16	60	1206		10	10	✓								5.504	
17	61	1326		0	0	✓		✓						5.458	
18															
19															
20															
21															
22															
23															
24															

ENTERED BY:

CHECKED BY:

Bottom Depth: 328

Cast # down: 8

Cast # up: 8

Time LOC UTC

Begin: 1003

Bottom: 1011

End: 1032

START POSITION (GPS)

LAT: 51 18.52

LONG: 127 14.75

BOTTOM POSITION (GPS)

LAT: 51 18.50

LONG: 127 14.82

END POSITION (GPS)

LAT: 51 18.38

LONG: 127 15.16

Comments:

NEW
BOX

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/23

STATION NAME:

Sm3A

CAST NUMBER:

9

SHIP:

Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	62	1327		BOT-Sm	60	✓											2.963	
2	63	1328		50	50	✓											3.553	
3	64	1329		30	30	✓											4.618	
4	65	1330		20	20	✓											5.387	
5	66	1331		10	10	✓											5.477	
6	67	1332		0	0	✓											5.960	
7																		
8																		
9																		
10																		
11																		
12																		
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20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 69

Cast # down: 9

Cast # up: 9

Time LOC UTC

Begin: 1125

Bottom: 1128

End: 1134

START POSITION (GPS)

LAT: 51 19.94

LONG: 127 10.81

BOTTOM POSITION (GPS)

LAT: 51 19.82

LONG: 127 10.82

END POSITION (GPS)

LAT: 51 19.94

LONG: 127 10.83

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/23

STATION NAME:

Sm 4

CAST NUMBER:

10

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	68	1333		BOT-S	180	✓											0.260	
2	69	1334		170	170	✓											0.243	
3	70	1335		160	160	✓											0.192	
4	71	1336		150	150	✓											0.194	
5	72	1337		130	130	✓											0.248	
6	73	1338		100	100	✓											0.821	
7	74	1339		95	95	✓											0.957	
8	75	1340		85	85	✓											1.231	
9	76	1341		75	75	✓											1.110	
10	77	1342		60	60	✓											1.937	
11	78	1343		50	50	✓											3.636	
12	79	1344		30	30	✓											4.778	
13	80	1345		10	10	✓											5.056	
14	81	1346		0	0	✓											6.399	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 184

Cast # down: 10

Cast # up:

Time LOC UTC

Begin: 1209

Bottom: 1215

End: 1230

START POSITION (GPS)

LAT: 51 21.57

LONG: 127 09.03

BOTTOM POSITION (GPS)

LAT: 51 21.59

LONG: 127 09.01

END POSITION (GPS)

LAT: 51 21.63

LONG: 127 08.99

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/23

SHIP:

vector

STATION NAME:

Sm5

CAST NUMBER:

11

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	82	1347		BOT-5	102	✓											0.494	
2	83	1348		100	100	✓											0.516	
3	84	1349		90	90	✓											0.611	
4	85	1350		80	80	✓											0.683	
5	86	1351		70	70	✓											0.850	
6	87	1352		50	50	✓											2.751	
7	88	1353		30	30	✓											4.328	
8	89	1354		10	10	✓											4.796	
9	90	1355		0	0	✓											5.414	
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 111

Cast # down: 11

Cast # up: 11

Time	LOC	UTC
Begin:		1307
Bottom:		1312
End:		1320

START POSITION (GPS)

LAT: 51 21.30

LONG: 127 06.35

BOTTOM POSITION (GPS)

LAT: 51 21.31

LONG: 127 06.31

END POSITION (GPS)

LAT: 51 21.32

LONG: 127 06.41

ROSETTE LOG

MISSION ID: 2000-2L
STATION NAME: SMHA Sm4A

UTC DATE y/m/d: 00/08/23
CAST NUMBER: 12

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do mbl d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	91				Bot-5	✓											3.837	
2	92				50	✓											3.657	
3	93				30	✓											4.361	
4	94				20	✓											4.752	
5	95				10	✓											4.802	
6	96				0	✓											5.424	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 55m

Cast # down: 12
Cast # up: 12

Time	LOC	UTC
Begin:		14.26
Bottom:		14.29
End:		

START POSITION (GPS)
LAT: 51 21 548
LONG: 127 07 158

BOTTOM POSITION (GPS)
LAT: 57 21 56
LONG: 127 07 16

END POSITION (GPS)
LAT: 51 21 55
LONG: 127 07 16

Comments:

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/24

SHIP:

VECTOR

STATION NAME:

B02

CAST NUMBER:

16

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do mll	comment
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	112	657		BOTTOM	150	✓											3.864	
2	113	695		150	145	✓											3.829	
3	114	697		130	130	✓											3.951	
4	115	707		100	100	✓											3.895	
5	116	708		75	75	✓											3.818	
6	117	709		50	50	✓											3.942	
7	118	712		30	30	✓											3.904	
8	119	715		20	20	✓											4.167	
9	120	727		10	10	✓											4.711	
10	121	730		0	0	✓											5.968	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 150

Cast # down: 16

Cast # up: 16

Time LOC UTC

Begin: 03:35

Bottom: 03:40

End: 03:52

START POSITION (GPS)

LAT: 51 23.37

LONG: 127 23.04

BOTTOM POSITION (GPS)

LAT: 51 23.39

LONG: 127 22.99

END POSITION (GPS)

LAT: 51 23.41

LONG: 127 22.91

1-10

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/24

STATION NAME:

BØ1

CAST NUMBER:

17

SHIP: VECTOR-

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

ROSETTE OPERATION
Trip Confirmed
pressure Salinity

Samples taken
SAL NUT ALK TCO
OXY CHL C13

Do
ml/l

ENTERED BY:

CHECKED BY:

1	97	392		BOT-3m	259	✓	259											1.710	← verified too long probably last gone
2	98	84		250	250	✓	259											1.877	02
3	99	255		225	225	✓	250											2.048	↓
4	100	337		200	200	✓	225											2.039	light bulb needed wiggling
5	101	364		175	175	✓	200											1.937	
6	102	443		150	150	✓	175											1.831	
7	103	486		125	125	✓	150											1.692	
8	104	534		100	100	✓	125											1.693	
9	105	535		75	75	✓	100											1.709	
10	106	572		50	50	✓	75											2.077	
11	107	588		30	30	✓	50											3.906	
12	108	632		20	20	✓	30											4.491	
13	109	641		10	10	✓	20											4.972	
14	110	650		0	0	✓	10											5.466	#15
15	111	1130		-	-	✓	0											6.986	Trooped
16																		2 at bottom	
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Bottom Depth: 265

Cast # down: 17

Cast # up: 17

Time LOC UTC

Begin: 04:39

Bottom: 04:45

End: 05:06

START POSITION (GPS)

LAT: 51 21 329

LONG: 127 29 434

BOTTOM POSITION (GPS)

LAT: 57 21 33

LONG: 127 29 38

END POSITION (GPS)

LAT: 51 21.35

LONG: 127 29.29

Comments:

Bottle ID Problem with Seabird Software on broadcast

#22
#23
#23
#23

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: Se 1

UTC DATE y/m/d: 00/08/24
CAST NUMBER: 24

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	122	392		Bot-1	100	✓											4.575	
2	123	84		100	90	✓											4.555	
3	124	255		75	75	✓											4.525	
4	125	337		50	50	✓											4.588	
5	126	364		30	30	✓											4.597	
6	127	443		20	20	✓											4.576	
7	128	486		10	10	✓											4.610	
8	129	534		0	0	✓											4.837	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
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19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 103

Cast # down: 24
Cast # up: 24

Time	LOC	UTC
Begin:	1	2015
Bottom:		2019
End:		2026

START POSITION (GPS)
LAT: 5104.45
LONG: 127 26.37

BOTTOM POSITION (GPS)
LAT: 51 04 45
LONG: 127 26 37

END POSITION (GPS)
LAT: 5104.48
LONG: 127 26.41

Comments:

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

00/08/24

STATION NAME:

Se 2

CAST NUMBER:

25

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										D. ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	130	535		BOT	90	✓											4.463	
2	131	572		90	80	✓											4.482	
3	132	588		75	75	✓											4.455	
4	133	632		50	50	✓											4.513	
5	134	641		30	30	✓											4.477	
6	135	650		20	20	✓											4.536	
7	136	1130		10	10	✓											6.394	
8	137	657		0	0	✓											6.098	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 95

Cast # down: 25

Cast # up: 25

Time LOC UTC

Begin: 20:59 PM

Bottom: 21:03 PM

End: 21:10 PM

START POSITION (GPS)

LAT: 51 03.52

LONG: 127 23.55

BOTTOM POSITION (GPS)

LAT: 51 03.53

LONG: 127 23.57

END POSITION (GPS)

LAT: 51 03.54

LONG: 127 23.59

#28
1-18

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: Se 3UTC DATE y/m/d: 00/08/24
CAST NUMBER: 29SHIP: VECTOR

13

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										D _a ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	138	695		Bot	440	✓											0.839	
2	139	697		425	425	✓	8										0.841	
3	140	707		400	400	✓	1										0.920	
4	141	708		350	350	✓	1										1.048	
5	142	709		300	300	✓											1.643	
6	143	712		250	250	✓											3.087	
7	144	715		225	225	✓											4.039	
8	145	727		200	200	✓	14										4.212	
9	146	730		175	175	✓											4.565	
10	147	1106		150	150	✓											5.050	
11	148	1110		125	125	✓											4.686	
12	149	1126		100	100	✓											4.978	
13	150	1128		75	75	✓											5.004	
14	151	1326		50	50	✓											4.410	
15	152	1327		30	30	✓											4.347	
16	153	1328		10	10	✓											4.791	
17	154	1329		0	0	✓											8.237	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 449Cast # down: 29Cast # up: 29

Time	LOC	UTC
Begin:		<u>2259</u>
Bottom:		<u>2309</u>
End:		<u>2330</u>

START POSITION (GPS)

LAT: 51 2.89LONG: 127 15.45

BOTTOM POSITION (GPS)

LAT: 51 02.90LONG: 127 15.42

END POSITION (GPS)

LAT: 51 02.91LONG: 127 15.32

Comments:

THIS IS THE 2ND CAST AT THIS STATION. ON FIRST CAST THE PROGRAM WOULD NOT WORK BECAUSE IT THOUGHT ALL BOTTLES HAD TRIGGERED (THERE WAS A BOTTLE GLITCH ON WAY DOWN). WE RETURNED TO SURFACE. NO BOTTLES HAD TRIGGERED.

ROSETTE LOG

MISSION ID: 2000:26
STATION NAME: SE4UTC DATE y/m/d: 00/08/25
CAST NUMBER: 30SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	155	1330		535	BOT-5	✓		✓									0.823	
2	156	1331		500	500	✓ #8	✓										0.861	
3	157	1332		450	450	✓											0.892	
4	158	1333		400	400	✓ #9	✓										1.037	
5	159	1334		350	350	✓											1.205	
6	160	1335		300	300	✓											1.420	
7	161	1336		250	250	✓ #10	✓										3.690	
8	162	1337		225	225	✓											3.379	
9	163	1338		200	200	✓											4.107	
10	164	1339		175	175	✓ #11	✓										4.696	
11	165	1340		150	150	✓											4.861	
12	166	1341		125	125	✓											5.171	
13	167	1342		100	100	✓												
14	168	1344		75	75	✓												Colorimeter capping.
15	169	1346		50	50	✓											4.736	
16	170	1345		30	30	✓											5.300	
17	171	1343		10	10	✓											4.454	
18	172	1347		0	0	✓											6.480	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:Bottom Depth: 535Cast # down: 30

Cast # up:

Time	LOC	UTC
Begin:		0033
Bottom:		0044
End:		0108

START POSITION (GPS)	
LAT:	51 03.14
LONG:	127 07.99

BOTTOM POSITION (GPS)	
LAT:	51 03.15
LONG:	127 07.93

END POSITION (GPS)	
LAT:	51 03.17
LONG:	127 07.46

OK

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: SE5UTC DATE y/m/d: 00/08/25
CAST NUMBER: 31SHIP: VECTORNiskin Sample OXY. OXY. Sample
No. No. Flask Temp. Depth

ROSETTE OPERATION		Samples taken												Do ml/l	Comments
Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO							
			OXY		CHL		C13								

1	173	1295		Bot - 5		✓									0.728	
2	174	1297		600		✓									0.691	
3	175	1298		500		✓									0.837	
4	176	1299		450		✓									0.713	Didn't finish titration
5	177	1300		400		✓									0.914	
6	178	1301		350		✓									0.929	
7	179	1302		300		✓									1.013	
8	180	1303		250		✓									2.192	
9	181	1304		225		✓									2.429	
10	182	1305		200		✓									1.557	
11	183	1306		175		✓									2.854	
12	184	1307		150		✓									3.732	
13	185	1308		125		✓									4.553	
14	186	1309		100		✓									5.611	
15	187	1310		75		✓									4.929	
16	188	1311		50		✓									4.319	
17	189	1312		30		✓									4.309	
18	190	1313		20		✓									5.394	
19	191	1314		10		✓									4.695	
20	192	1315		0		✓									6.590	
21																
22																
23																
24																

ENTERED BY:

CHECKED BY:

Bottom Depth: 616Cast # down: 31Cast # up: 31

Time LOC UTC

Begin: 0208Bottom: 0224

End:

START POSITION (GPS)

LAT: 51 04.31LONG: 127 00.63

BOTTOM POSITION (GPS)

LAT: 51 04.31LONG: 127 04.48

END POSITION (GPS)

LAT:

LONG:

Comments:

no data
file

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: DELUTC DATE y/m/d: 00/08/25
CAST NUMBER: 32SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										D _o ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	193	1258			Bot-5	✓											0.785	
2	194	1260			500	✓											0.813	
3	195	1261			450	✓											0.849	
4	196	1264			400	✓											0.879	
5	197	1267			350	✓											0.972	
6	198	1268			300	✓											1.039	
7	199	1270			250	✓											1.283	
8	200	1271			225	✓											1.373	
9	201	1272			200	✓											1.378	
10	202	1273			175	✓											1.502	
11	203	1274			150	✓											2.929	
12	204	1275			125	✓											3.024	
13	205	1276			100	✓											4.069	
14	206	1277			75	✓											4.887	
15	207	1278			50	✓											3.616	
16	208	1279			30	✓											4.166	
17	209	1280			20	✓											4.716	
18	210	1281			10	✓											4.909	
19	211	1282			0												7.044	
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 539Cast # down: 32Cast # up: 32

Time LOC UTC

Begin: 0403Bottom: 0414End: 0440

START POSITION (GPS)

LAT: 51 04.29LONG: 126 52.48

BOTTOM POSITION (GPS)

LAT: 51 04.29LONG: 126 52.44

END POSITION (GPS)

LAT: 51 04.27LONG: 126 52.40no data
file

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: SE7UTC DATE y/m/d: 00/08/25
CAST NUMBER: 34SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	212	392		3011-5		✓											1.280	
2	213	84		250		✓											1.295	
3	214	255		225		✓											1.366	
4	215	337		200		✓											1.420	
5	216	364		175		✓											1.600	
6	217	443		150		✓											1.892	
7	218	486		125		✓											2.497	
8	219	534		100		✓											3.545	
9	220	535		75		✓											3.187	
10	221	641		50		✓											3.241	
11	222	598		30		✓												
12	223	632		20		✓											3.773	
13	224	572		10		✓											4.198	
14	225	650		0		✓											6.570	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 267Cast # down: 84Cast # up: 34

Time LOC UTC

Begin: 0615Bottom: 0621End: 0636

START POSITION (GPS)

LAT: 51 05.99LONG: 126 45.04

BOTTOM POSITION (GPS)

LAT: 51 05.98LONG: 126 45.04

END POSITION (GPS)

LAT: 51 05.97LONG: 126 45.05

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: SE 7.5

UTC DATE y/m/d: 00/08/25
CAST NUMBER: 35

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	226	1134		Bot-2	360	✓											1.106	
2	227	1135		350	350	✓											1.100	
3	228	1136		325	325	✓											1.123	
4	229	1137		300	300	✓											1.094	
5	230	1188		250	250	✓											1.318	
6	231	1141		225	225	✓											1.196	
7	232	1142		200	200	✓											1.236	
8	233	1146		175	174	✓											1.317	
9	234	1148		150	150	✓											1.489	
10	235	1153		125	125	✓											1.940	
11	236	1158		100	100	✓											2.893	
12	237	1171		75	75	✓												Poured out by mistake
13	238	1174		50	50	✓											2.553	
14	239	1175		30	30	✓											2.866	
15	240	1176		20	20	✓											3.556	
16	241	1177		10	10	✓											3.735	
17	242	1180		0	0	✓											7.383	
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 373

Cast # down: 35
Cast # up: 35

Time	LOC	UTC
Begin:		0731
Bottom:		
End:		

START POSITION (GPS)
LAT: 51 08.07
LONG: 126 41.56

BOTTOM POSITION (GPS)
LAT: 51 08.05
LONG: 126 41.56

END POSITION (GPS)
LAT:
LONG:

ROSETTE LOG

MISSION ID:

2600-26

UTC DATE y/m/d:

00/08/25

STATION NAME:

Se8

CAST NUMBER:

36

SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	243	1138		Bot-	135	✓											1.325	
2	244	1189		100	100	✓											2.017	
3	245	1191		75	75	✓											1.972	
4	246	1192		50	50	✓											2.164	
5	247	1193		30	30	✓											2.695	
6	248	1194		20	20	✓											2.945	
7	249	1195		10	10	✓											3.381	
8	250	1197		0	0	✓											8.257	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 142

Cast # down: 36

Cast # up: 36

Time LOC UTC

Begin: 0854

Bottom: 0857

End: 0907

START POSITION (GPS)

LAT: 51 10.93

LONG: 126 39.46

BOTTOM POSITION (GPS)

LAT: 51 10.90

LONG: 126 39.45

END POSITION (GPS)

LAT: 51 10.85

LONG: 126 39.45

ROSETTE LOG

MISSION ID: 2000 26
STATION NAME: 1552

UTC DATE y/m/d: 00/08/25
CAST NUMBER: 37

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										H ₂ S. Remarks.	Do ml/L
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	251	1130		Bot-2	203	✓											H ₂ S	Anox
2	252	657		200	190	✓											H ₂ S	Anox
3	253	695		175	175	✓											H ₂ S	Anox
4	254	647		150	150	✓												0.912
5	255	707		125	125	✓												1.862
6	256	708		100	100	✓												1.846
7	257	709		75	75	✓												1.596
8	258	712		50	50	✓												3.534
9	259	715		30	30	✓												3.748
10	260	727		20	20	✓												4.117
11	261	730		10	10	✓												5.461
12	262	1106		0	0	✓												No sample
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 210 m

Cast # down: 37
Cast # up: 37

Time	LOC	UTC
Begin:		1130
Bottom:		
End:		1150

START POSITION (GPS)
LAT: 51 00.49
LONG: 126 42.29

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT: 51 00.49
LONG: 126 42.40

Comments:
NOTE: Fired 1st bottle @ 203 m and line was drawn. I then changed salinity scale — program says that no bottles were triggered. Only 11 bottles fired. So the 203 m bottle is no valid

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

2000/08/25

STATION NAME:

FrSI

CAST NUMBER:

41

SHIP: Vector

21

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										H ₂ S	Don't
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	263	1209		Bot	235	✓											H ₂ S	aborted
2	264	1249		200	200	✓											H ₂ S	aborted
3	265	1212		175	175	✓											H ₂ S	"
4	266	1215		150	150	✓											H ₂ S	"
5	267	1216		125	125	✓												1.079
6	268	1218		100	100	✓												2.445
7	269	1219		75	75	✓												1.602
8	270	1222		50	50	✓												1.656
9	271	1223		30	30	✓												3.595
10	272	1224		20	20	✓												3.889
11	273	1225		10	10	✓												4.243
12	274	1228		0	0													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 241

Cast # down: 39

Cast # up: 41

no cast 40

Time LOC UTC

Begin: 1346

Bottom:

End: 1418

START POSITION (GPS)

LAT: 51°02.30

LONG: 126°42.96

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 51°02.34

LONG: 126°42.91

Comments:

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

2000/08/25

SHIP: VECTOR

STATION NAME:

FrSø

CAST NUMBER:

38

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										H ₂ S	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	275	1230		BOT	160	✓											H ₂ S	Aborted
2	276	1231		150	150	✓											H ₂ S	u
3	277	1233		135	135	✓											H ₂ S	0.163
4	278	1234		100	100	✓											/	2.481
5	279	1235		75	76	✓											/	1.800
6	280	1237		50	50	✓											/	1.743
7	281	1238		20	20	✓											/	4.111
8	282	1241		0	0	✓											/	6.678
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 169 m

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1253

Bottom:

End: 1306

START POSITION (GPS)

LAT: 51° 03.68

LONG: 126° 44.42

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 51 03.70

LONG: 126 44.34

ROSETTE LOG

MISSION ID:

STATION NAME:

2000-26

ASL1

UTC DATE y/m/d:

CAST NUMBER:

ALISON SOND

00/08/25

44

SHIP: VECTOR

23

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	283	392		180-1	151	✓											3.212	
2	284	84		145	145	✓											3.222	
3	285	255		130	130	✓											3.442	
4	286	337		115	115	✓											3.515	
5	287	364		100	100	✓											3.455	
6	288	443		75	75	✓											3.444	
7	289	486		50	50	✓											3.418	
8	290	534		30	30	✓											4.069	
9	291	535		10	10	✓											3.411	
10	292	641		0	0	✓											6.250	
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

Cast # up:

Time LOC UTC

Begin: 2258

Bottom:

End:

START POSITION (GPS)

LAT: 51 10.12

LONG: 127 05.34

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 51 10.

LONG: 127 05.

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: BE7

UTC DATE y/m/d: 2000/08/27
CAST NUMBER: 45

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										DO ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	293			30+-5	267	✓											3.645	
2	294			250		✓	X										4.385	
3	295	-		225		✓	X										3.706	
4	296			200		✓	X										3.690	
5	297			175		✓											3.540	
6	298			150		✓											1.583	
7	299			125		✓											1.167	
8	300			100		✓											0.548	
9	301			75		✓											0.393	
10	302			50		✓											0.198	
11	303			30		✓											2.196	
12	304			20		✓											3.253	
13	305			10		✓											4.018	
14	306			0													7.121	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

ENTERED BY:
CHECKED BY:

Bottom Depth: 260

Cast # down: 45
Cast # up: 45

Time	LOC	UTC
Begin:		0318
Bottom:		0324
End:		

START POSITION (GPS)
LAT: 51 06.26
LONG: 126 55.82

BOTTOM POSITION (GPS)
LAT: 51 06.23
LONG: 126 55.80

END POSITION (GPS)
LAT: 51 06.23
LONG: 126 55.61

Comments:

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: 3E6

UTC DATE y/m/d: 2000/08/27
CAST NUMBER: 46

SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do m/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
								OXY		CHL		C13						
1	307	1176		Bot-5		✓											3.877	
2	308	1177		300		✓	X										3.684	
3	309	1180		275		✓	X										3.624	
4	310	1138		250		✓	X										3.655	
5	311	1189		225		✓											3.682	
6	312	1191		200		✓											3.630	
7	313	1192		175		✓											3.498	
8	314	1193		150		✓											1.885	
9	315	1194		125		✓											1.767	
10	316	1195		100		✓											0.855	
11	317	1197		75		✓											0.578	
12	318	1198		50		✓											0.250	
13	319	1201		30		✓											2.165	
14	320	1202		20		✓											3.866	
15	321	1203		10													3.945	
16	322	1206		0													5.790	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:
CHECKED BY:

Bottom Depth: 332

Cast # down: 46
Cast # up: 46

Time	LOC	UTC
Begin:		0422
Bottom:		0432
End:		0449

START POSITION (GPS)
LAT: 51 06 .55
LONG: 127 02 .11

BOTTOM POSITION (GPS)
LAT: 51 06 .56
LONG: 127 02 .13

END POSITION (GPS)
LAT: 51 06 55
LONG: 127 02 07

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: BE5UTC DATE y/m/d: 2000/08/27
CAST NUMBER: 47SHIP: Vector

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	323	1258		200-5		✓											2 bottles fired?	3.563
2	324	1260		250		✓												3.550
3	325	1261		225		✓												3.606
4	326	1264		200		✓												3.571
5	327	1267		175		✓												3.506
6	328	1268		150		✓												3.499
7	329	1270		125		✓												2.938
8	330	1271		100		✓												2.436
9	331	1272		75		✓												1.311
10	332	1273		50		✓												0.877
11	333	1274		30		✓												0.793
12	334	1275		20		✓												4.142
13	335	1276		10		✓												5.202
14	336	1277		0		✓												4.215
15	337	1278																6.292
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 285Cast # down: 47Cast # up: 47

Time LOC UTC

Begin: 0614Bottom: 0620End: 0634

START POSITION (GPS)

LAT: 51 07 17LONG: 127 08 82

BOTTOM POSITION (GPS)

LAT: 51 07 16LONG: 127 08 88

END POSITION (GPS)

LAT: 51 07 15LONG: 127 08 94

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

2000/08/26

SHIP:

VECTOR

STATION NAME:

BE4

CAST NUMBER:

48

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/l	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	338	1209		Bot-5	370	✓											3.352	
2	339	1249		350		✓											3.339	
3	340	1212		325		✓											3.335	
4	341	1215		300		✓											3.331	
5	342	1216		275		✓											3.347	
6	343	1218		250		✓											3.350	
7	344	1219		225		✓											3.468	
8	345	1222		200		✓											3.435	
9	346	1223		175		✓											3.431	
10	347	1224		150	151	✓											3.039	
11	348	1225		125		✓											2.398	
12	349	1228		100		✓											1.629	
13	350	1230		75		✓											0.965	
14	351	1231		50		✓											2.425	
15	352	1233		30		✓											3.889	
16	353	1234		20		✓											4.104	
17	354	1235		10		✓											4.129	
18	355	1237		0		✓											5.273	
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 374

Cast # down: 48

Cast # up: 48

Time	LOC	UTC
Begin:		0722
Bottom:		0731
End:		0754

START POSITION (GPS)		
LAT:	51	07.80
LONG:	127	15.31

BOTTOM POSITION (GPS)		
LAT:	51	07.80
LONG:	127	15.21

END POSITION (GPS)		
LAT:	51	07.79
LONG:	127	14.94

ROSETTE LOG

MISSION ID: 2000-26
STATION NAME: BE3UTC DATE y/m/d: 2000/08/26
CAST NUMBER: 49SHIP: VECTOR

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										DO	MRE
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	356	1238		Bot-1	275	✓											3.408	
2	357	1241		270	270	✓											3.309	
3	358	1243		250		✓											3.278	
4	359	1244		225		✓											3.245	
5	360	1247		200		✓											3.222	
6	361	1248		175		✓											3.254	
7	362	1210		150		✓											3.387	
8	363	1251		125		✓											2.691	
9	364	1252		100		✓											2.313	
10	365	1254		75		✓											1.409	
11	366	1256		50		✓											2.039	
12	367	1257		30		✓											3.791	Flask cracked discarding
13	368	1295		20		✓											4.587	
14	369	1297		10		✓											4.409	
15	370	1298		0		✓											6.282	
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 283 mCast # down: 49Cast # up: 49

Time LOC UTC

Begin: 0839

Bottom:

End: 0902

START POSITION (GPS)

LAT: 51 07.85LONG: 127 22.12

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 51 07.84LONG: 127 22.06

ROSETTE LOG

MISSION ID: 2000-26

UTC DATE y/m/d: 2000/08/26

SHIP: VECTOR

STATION NAME: BE2

CAST NUMBER: 56

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										DO ₂ ml/l	
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
							OXY		CHL		CI3							
1	371	1299		80T	192	✓											3.119	
2	372	1300		175		✓											3.604	
3	373	1301		150		✓											2.967	
4	374	1302		125		✓											3.019	
5	375	1303		100		✓											2.612	
6	376	1304		75		✓											2.164	
7	377	1305		50		✓											2.691	
8	378	1306		30		✓											4.135	
9	379	1307		20		✓											4.221	
10	380	1308		10		✓											4.752	
11	381	1309		0		✓											6.581	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

ENTERED BY:

CHECKED BY:

Bottom Depth: 194 m.

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1002

Bottom:

End:

START POSITION (GPS)

LAT: 51 7.89

LONG: 127 30.47

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT: 51 7.82

LONG: 127 30.49

ROSETTE LOG

MISSION ID:

2000-26

UTC DATE y/m/d:

2000/08/26

SHIP:

VECTOR

STATION NAME:

BE1

CAST NUMBER:

51

Niskin No.	Sample No.	OXY. Flask	OXY. Temp.	Sample Depth	ROSETTE OPERATION		Samples taken										Do ml/d	Comments
					Trip pressure	Confirmed Salinity	SAL		NUT		ALK		TCO					
1	382	1310		BOT	220	✓											2.937	
2	383	1311		215	215	✓											2.896	
3	384	1312		200	200	✓											3.380	
4	385	1313		175		✓											3.49	
5	386	1314		150		✓											2.840	
6	387	1315		125		✓											3.342	
7	388	1316		100		✓											2.801	
8	389	1317		75		✓											3.348	
9	390	1318		50		✓											2.850	
10	391	1319		30		✓											3.861	
11	392	1320		20		✓											4.990	
12	393	1321		10		✓											4.364	
13	394	1322		0		✓											5.159	
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments:

VECTOR DEEP

ENTERED BY:

CHECKED BY:

Bottom Depth: 221 m

Cast # down:

Cast # up:

Time LOC UTC

Begin: 1126

Bottom:

End:

START POSITION (GPS)

LAT: 51 07.73

LONG: 127 34.31

BOTTOM POSITION (GPS)

LAT: 51 07.73

LONG: 127 34.33

END POSITION (GPS)

LAT:

LONG: