

Rosette Log

CRUISE ID: 9703
STATION NAME: D07AUTC DATE y/m/d: 97/2/17
CAST NO.: 4SHIP: Vect

Important
See file 9703.txt
D. Stacchi
10/7/97

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		Serial #	°C / dbar
1	1	84	8.1	155	156.0			✓				✓	✓					
2	2	97	8.0	125	125.4			✓				✓	✓					
3	3	99	8.1	100	100.7			✓				✓	✓					
4	4	207	8.0	75	76.1			✓				✓	✓					
5	5	255	8.1	50	50.8			✓				✓	✓					
6	6	332	8.0	30	30.6			✓				✓	✓					
7	7	333	8.0	20	20.5			✓				✓	✓					
8	8	337	8.4	10	10.8			✓				✓	✓					
9	9	364	8.0	0	-1.8			✓				✓	✓					
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

Bottom Depth: 163Cast # down: 003Cast # up: 004

Time LOC UTC

Begin: 22 39Bottom: 22:42

End:

START POSITION (GPS)

LAT: 48 44.01LONG: 123 8.36

BOTTOM POSITION (GPS)

LAT: 48 44.05LONG: 123 8.38

END POSITION (GPS)

LAT: 48 44.05LONG: 123 8.45

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: SI03

UTC DATE y/m/d: 97/02/18
CAST NO.: 9

SHIP: VECTOR

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		Serial #	°C / dbar
1	10	84		150	150	✓												
2	11	97		125	125	✓												
3	12	99		100	101	✓												
4	13	207		75	76	✓												
5	14	255		50	50	✓												
6	15	332		30	31	✓												
7	16	333		20	21	✓												
8	17	337		10	11	✓												
9	18	364		0	0	✓												
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DJS
CHECKED BY:

Bottom Depth: 162

Cast # down: 8

Cast # up: 9

Time	LOC	UTC
Begin:		0241
Bottom:		2245
End:		

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: MI03UTC DATE y/m/d: 97/02/18
CAST NO.: 11SHIP: VECTOR

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	19	376		120	115	✓												
2	20	380		100	197	✓												
3	21	392		75	75	✓												
4	22	394		50	50	✓												
5	23	412		30	30	✓												
6	24	418		20	20	✓												
7	25	420		10	10	✓												
8	26	425		0	0	✓												
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DJS
CHECKED BY:Bottom Depth: 125Cast # down: 10Cast # up: 11

Time	LOC	UTC
Begin:		
Bottom:		<u>0457</u>
End:		<u>0506</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 48 55.27
LONG: 123 10.81END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: G101UTC DATE y/m/d: 97/02/18
CAST NO.: 13SHIP: VECTOR

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	27	443		157	150													
2	28	451		150	125													
3	29	463		125	100													
4	30	467		100	75													
5	31	485		75	50													
6	32	486		50	30													
7	33	496		30	20													
8	34	509		20	10													
9	35	527		10	0													
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DJS
CHECKED BY:Bottom Depth: 160Cast # down: 12Cast # up: 13

Time	LOC	UTC
Begin:		<u>0540</u>
Bottom:		<u>0546</u>
End:		<u>0556</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 48 58.65
LONG: 123 16.34END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: 0101 NIO1UTC DATE y/m/d: 97/02/19
CAST NO.: 15SHIP: VECTOR

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	36	84	8.7	110	?													
2	37	97	8.4	75														
3	38	99	8.6	50														
4	39	207	8.5	130														
5	40	255	8.3	20														
6	41	332	7.9	10														
7	42	333	7.9	0														
8	43	337	7.8	0	?													
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 122Cast # down: 14Cast # up: 15

Time LOC UTC

Begin: 15:54Bottom: 15:58End: 16:05

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 13.38LONG: 123 51.28

END POSITION (GPS)

LAT: 49 13.41LONG: 123 51.20

Comments: Intended to trip 7 bottles but 8 tripped. Depths are all suspect
need to use salinity to determine depths.

Rosette Log

CRUISE ID: 9703
STATION NAME: MIO2UTC DATE y/m/d: 97/02/18
CAST NO.: 17SHIP: VECTOR

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					
								OXY		C13		NUT		CHL						
1	44	364	9.6	604	340															
2	45	376	9.1	200	200.75															
3	46	380	8.9	175	176.07															
4	47	392	8.8	150	150.88															
5	48	394	8.6	125	125.75															
6	49	412	8.0	100	101.37															
7	50	418	8.8	75	76.47															
8	51	420	8.6	50	50.6															
9	52	425	8.4	30	30.58															
10	53	443	8.4	20	21.05															
11	54	451	7.8	10	11.15															
12	55	463	8.0	0	0.0															
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				

ENTERED BY: pl
CHECKED BY:Bottom Depth: 322Cast # down: 16Cast # up: 17

Time	LOC	UTC
Begin:		<u>16:41</u>
Bottom:		<u>16:49</u>
End:		<u>17:04</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>14.72</u>
LONG:	<u>123</u>	<u>48.81</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>14.81</u>
LONG:	<u>123</u>	<u>48.77</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>14.96</u>
LONG:	<u>123</u>	<u>48.68</u>

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: NIO3UTC DATE y/m/d: 97/02/19
CAST NO.: 20SHIP: Vector

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	56	1261	9.0	807-5	391.55													
2	57	1262	8.8	300	300.5													
3	58	1264	8.8	200	201.27													
4	59	1265	8.3	150	150.57													
5	60	1267	8.2	100	100.77													
6	61	1268	8.2	75	75.50													
7	62	1269	8.0	50	50.6													
8	63	1270	8.4	30	31.03													
9	64	1271	7.7	20	21.05													
10	65	1272	7.7	10	11.00													
11	66	1273	7.4	0	-0.03													
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JL
CHECKED BY:Bottom Depth: 409Cast # down: 19Cast # up: 20, 21, 22

Time	LOC	UTC
Begin:		18:02
Bottom:		18:11
End:		18:28

START POSITION (GPS)		
LAT:	49	15.98
LONG:	123	46.08

BOTTOM POSITION (GPS)		
LAT:	49	16.10
LONG:	123	46.34

END POSITION (GPS)		
LAT:	49	16.48
LONG:	123	46.73

Comments:

Rosette Log

CRUISE ID: 97-03
STATION NAME: NI04UTC DATE y/m/d: 97/02/19
CAST NO.: 24.SHIP: Vector

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	67	84	9.1	bot-5	285.57													
2	68	97	8.8	200	200.82													
3	69	99	8.3	150	150.80													
4	70	207	8.3	125	126.05													
5	71	255	8.5	100	101.68													
6	72	332	8.2	75	75.57													
7	73	333	8.4	50	50.97													
8	74	337	8.2	30	30.5	29.47												
9	75	364	8.3	20	20.6	29.35												
10	76	376	8.0	10	11.0	28.73												
11	77	380	7.5	0		26.69												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down: 23Cast # up: 24, 25, 26

Time LOC UTC

Begin: 18:57Bottom: 19:03

End:

START POSITION (GPS)

LAT: 49 17.802LONG: 123 42.419

BOTTOM POSITION (GPS)

LAT: 49 17.87LONG: 123 42.42

END POSITION (GPS)

LAT:

LONG:

Comments: 125 meters - hit trip button twice. Didn't get confirmation back.

Rosette Log

CRUISE ID: 9703
STATION NAME: WIOSUTC DATE y/m/d: 97/02/19
CAST NO.: 27SHIP: Vector

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	78	392	9.1	507-5	250.78													
2	79	394	8.6	200	200.6													
3	80	420	8.5	150	150	30.45												
4	81	412	8.3	125	125.9	30.28												
5	82	418	8.4	100	100.63	30.11												
6	83	443	8.0	75	74.68	29.83												
7	84	425	8.0	50	51.13	29.66												
8	85	463	7.9	30	30.65	29.48												
9	86	451	8.0	20	20.98	29.23												
10	87	467	7.2	10	9.80	28.37												
11	88	485	6.8	0	-1.80	24.80												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JA

CHECKED BY:

Bottom Depth: 263Cast # down: 26Cast # up: 27 no leader, 16

Time LOC UTC

Begin: 20:27Bottom: 20:33End: 20:45

START POSITION (GPS)

LAT: 49 19.57LONG: 123 38.83

BOTTOM POSITION (GPS)

LAT: 49 19.55LONG: 123 38.84

END POSITION (GPS)

LAT: 49 19.53LONG: 123 38.84

Comments:

Rosette Log

CRUISE ID: 97-03
STATION NAME: WIOGUTC DATE y/m/d: 97/02/19
CAST NO.: 29SHIP: Vecfor

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	89	1261	8.8	6.7	150.5													
2	90	1262	8.4	12.5	125.3	30.16												
3	91	1264	8.0	10.0	100.32	29.94												
4	92	1265	8.1	7.5	76.10	29.87												
5	93	1267	8.3	5.0	50.75	29.73												
6	94	1268	8.1	3.0	30.88	29.54												
7	95	1269	8.3	2.0	21.27	29.38												
8	96	1270	8.0	1.0	10.77	28.76												
9	97	1271	7.6	0	-0.32	24.73												
10	98	1272	7.2	0														
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JK
CHECKED BY:Bottom Depth: 161Cast # down: 28Cast # up: 29

Time	LOC	UTC
Begin:		<u>21:25</u>
Bottom:		<u>21:29</u>
End:		<u>21:39</u>

START POSITION (GPS)		
LAT:	<u>49</u>	<u>21.32</u>
LONG:	<u>123</u>	<u>35.14</u>

BOTTOM POSITION (GPS)		
LAT:	<u>49</u>	<u>21.34</u>
LONG:	<u>123</u>	<u>35.16</u>

END POSITION (GPS)		
LAT:	<u>49</u>	<u>21.32</u>
LONG:	<u>123</u>	<u>35.17</u>

Comments: - Extra bottle tripped.

Rosette Log

CRUISE ID: 97-03
STATION NAME: N207UTC DATE y/m/d: 97/02/19
CAST NO.: 31SHIP: Vector

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	99	1273	8.0	50	41.22	29.65												
2	100	1274	8.0	30	30.8	29.49												
3	101	1275	8.1	20	20.83	29.27												
4	102	1276	7.6	10	10.48	28.55												
5	103	1277	7.0	0	0.7	24.58												
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DR
CHECKED BY:Bottom Depth: 50Cast # down: 30Cast # up: 31

Time	LOC	UTC
Begin:		22:26
Bottom:		22:27
End:		22:32

START POSITION (GPS)		
LAT:	49	22.51
LONG:	123	32.85

BOTTOM POSITION (GPS)		
LAT:	49	22.52
LONG:	123	32.84

END POSITION (GPS)		
LAT:	49	22.52
LONG:	123	32.85

Comments:

Rosette Log

CRUISE ID: 97-03
STATION NAME: GI04UTC DATE y/m/d: 97/02/19
CAST NO.: 33SHIP: Vector

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	104	1278	9.1	bat-5	379.83	31.21												
2	105	1279	8.9	300	300.88	31.13												
3	106	1280	9.0	200	200.67	30.86												
4	107	1281	8.4	150	150.8	30.31												
5	108	1282	7.7	100	100.63	29.94												
6	109	1283	7.6	75	75.72	29.80												
7	110	1284	7.6	50	50.83	29.73												
8	111	1285	7.7	30	30.88	29.61												
9	112	1286	7.6	20	21.05	29.52												
10	113	1287	7.7	10	10.07	29.12												
11	114	1288	7.8	0	-0.4	28.897												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: ak
CHECKED BY:Bottom Depth: 391Cast # down: 32Cast # up: 33

Time	LOC	UTC
Begin:		23:40
Bottom:		23:48
End:		00:01

START POSITION (GPS)		
LAT:	49	12.66
LONG:	123	40.34

BOTTOM POSITION (GPS)		
LAT:	49	12.66
LONG:	123	40.36

END POSITION (GPS)		
LAT:	49	12.63
LONG:	123	40.36

Comments:

Rosette Log

CRUISE ID: 97-03
STATION NAME: GIO3UTC DATE y/m/d: 97/02/20
CAST NO.: 35SHIP: Vector

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	115	1261	9.0	bot-5	370.85	31.18957												
2	116	1262	9.0	300	300.2	31.14												
3	117	1264	8.4	200	200.3	30.75												
4	118	1265	7.9	150	149.98	30.17												
5	119	1267	7.6	100	100.55	29.93												
6	120	1268	7.5	75	75.5	29.82												
7	121	1269	7.6	50	50.38	29.71												
8	122	1270	7.5	30	30.73	29.66												
9	123	1271	7.7	20	20.68	29.41												
10	124	1272	7.7	10	10.63	29.01												
11	125	1273	7.2	0	-0.70	28.11												
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: JK
CHECKED BY:Bottom Depth: 380Cast # down: 34Cast # up: 35

Time	LOC	UTC
Begin:		00:35
Bottom:		00:41
End:		00:55

START POSITION (GPS)		
LAT:	49	10.17
LONG:	123	33.6

BOTTOM POSITION (GPS)		
LAT:	49	10.19
LONG:	123	33.56

END POSITION (GPS)		
LAT:	49	10.2
LONG:	123	33.47

Comments: bottle 8 top cap not sealed well.

Rosette Log

CRUISE ID: 97-03
STATION NAME: VIO1UTC DATE y/m/d: 97/02/20
CAST NO.: 37SHIP: Vector

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	126	1293	8.2	bot-5	105	✓ 30.008												
2	127	2000	8.1	75	75.5	✓ 29.94												
3	128	2002	8.0	50	50.75	✓ 29.83												
4	129	2007	8.0	30	30.88	✓ 29.73												
5	130	2008	8.0	20	20.83	✓ 29.64												
6	131	2015	8.0	10	10.55	✓ 29.46												
7	132	2017	7.6	0	-0.48	✓ 29.105												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY: DJS
CHECKED BY:Bottom Depth: 115Cast # down: 036Cast # up: 037

Time	LOC	UTC
Begin:		<u>02:08</u>
Bottom:		<u>02:10</u>
End:		

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 4902.87
LONG: 123 35.34END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: VI02UTC DATE y/m/d: 9/2/20
CAST NO.: 039SHIP: VECTOR

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	133	2014	9.1	6.5	237.5	✓	30.90														
2	134	2019	9.0	200	200.7	✓	30.86														
3	135	2025	8.5	150	150.4	✓	30.59														
4	136	2027	8.2	125	125.75	✓	30.34														
5	137	2032	8.1	100	100.55	✓	30.13														
6	138	2033	7.9	75	74.97	✓	30.02														
7	139	2035	8.3	50	50.67	✓	29.80														
8	140	2036	8.0	30	31.25	✓	29.54														
9	141	2038	7.7	20	20.07	✓	29.26														
10	142	2040	7.9	10	10.63	✓	28.93														
11	143	2043	7.3	0	-0.03	✓	28.12														
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22																					
23																					

ENTERED BY: DJS
CHECKED BY:Bottom Depth: 244Cast # down: 038Cast # up: 039

Time	LOC	UTC
Begin:		<u>03:10</u>
Bottom:		<u>03:15</u>
End:		<u>03:22</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 4904.48
LONG: 123 32.28END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: VI03UTC DATE y/m/d: 97/2/20
CAST NO.: 41SHIP: VECTOR

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	144	1261	9.4	5-5	332.98	✓ 31.18												
2	145	1262	9.1	200	300.75	✓ 30.92												
3	146	1264	9.0	150	151.02	✓ 30.64												
4	147	1265	8.3	125	125.45	✓ 30.32												
5	148	1267	8.5	100	100.7	✓ 30.10												
6	149	1268	8.0	75	75.8	✓ 29.95												
7	150	1269	8.1	50	50.6	✓ 29.65												
8	151	1270	8.0	30	30.5	✓ 29.18												
9	152	1271	7.6	20	20.3	✓ 28.82												
10	153	1272	7.6	10	10.3	✓ 28.56												
11	154	1273	7.7	0	-0.10	✓ 28.56												
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ENTERED BY: NJS
CHECKED BY:Bottom Depth: 342Cast # down: 040Cast # up: 041

Time	LOC	UTC
Begin:		<u>04:03</u>
Bottom:		<u>04:12</u>
End:		<u>04:26</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 06.13
LONG: 123 28.97END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID:

9703

UTC DATE y/m/d:

97/2/20

SHIP: VECTOR

STATION NAME:

VI04

CAST NO.:

43

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	155	1274	9.1	6-5	160.95	✓ 30.64												
2	156	1275	8.3	150	150.7	✓ 30.52												
3	157	1276	8.0	125	125.5	✓ 30.12												
4	158	1277	8.0	100	100.5	✓ 29.90												
5	159	1278	7.7	75	75.3	✓ 29.74												
6	160	1279	7.5	50	50.5	✓ 29.65												
7	161	1280	7.4	30	30.2	✓ 29.54												
8	162	1281	7.7	20	20.2	✓ 29.46												
9	163	1282	7.4	10	10.3	✓ 29.39												
10	164	1283		0	-0.1	✓ 26.63												
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ENTERED BY:

DJS

CHECKED BY:

Bottom Depth:

190

Cast # down:

042

Cast # up:

043

Time

LOC

UTC

Begin:

05:04

Bottom:

05:10

End:

05:19

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: VIOSUTC DATE y/m/d: 97/2/20
CAST NO.: 45SHIP: VECTOR

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	165	1284	7.9	6-5	61.4	✓ 29.69												
2	166	1285	7.7	30	30.2	✓ 29.53												
3	167	1286	7.6	20	20.9	✓ 29.46												
4	168	1287	7.7	10	10.2	✓ 28.97												
5	169	1288	6.9	0	-0.2	✓ 21.71												
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ENTERED BY: DJS
CHECKED BY:Bottom Depth: 67Cast # down: 044Cast # up: 045

Time	LOC	UTC
Begin:		<u>05:59</u>
Bottom:		<u>06:02</u>
End:		<u>06:06</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 11.58
LONG: 12 3 17.92END POSITION (GPS)
LAT:
LONG:

Comments:

Rosette Log

CRUISE ID: 9703
STATION NAME: GI02UTC DATE y/m/d: 97/2/20
CAST NO.: 47SHIP: VECTOR

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		Serial #	°C / dbar
1	170	1293	9.1	6-5	250.8	✗ 31.03												
2	171	2000	8.8	200	201.1	✓ 30.88												
3	172	2002	8.8	150	150.3	✓ 30.67												
4	173	2007	8.5	125	125.3	✓ 30.48												
5	174	2008	8.2	100	100.3	✓ 30.24												
6	175	2015	8.1	75	75.9	✓ 29.90												
7	176	2017	8.0	50	50.1	✓ 29.81												
8	177	2044	7.8	30	30.3	✓ 29.27												
9	178	1289	7.7	20	20.6	✓ 29.07												
10	179	1290	7.7	10	10.3	✓ 28.79												
11	180	1291	7.4	0	-0.1	✓ 28.40												
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ENTERED BY: DJS
CHECKED BY:Bottom Depth: 256Cast # down: 046Cast # up: 047

Time	LOC	UTC
Begin:		<u>07:16</u>
Bottom:		<u>07:22</u>
End:		<u>07:34</u>

START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 02.65
LONG: 123 23.46END POSITION (GPS)
LAT:
LONG:

Comments: