

Rosette Log

CRUISE ID: 9603
STATION NAME: D7APST
UTC DATE y/m/d: 96/02/26
CAST NO.: 4SHIP: 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		3077	8.0	bottom	170	✓ 29.92		✓				✓	✓					
^{no tag} 2		3026	8.1	150	150	✓ 29.91		✓				✓	✓					NO TAG - In and up!
3		3041	8.2	125	125	✓ 29.81		✓				✓	✓					
4		3104	7.9	100	100	✓ 29.67		✓				✓	✓					
5		3034	8.0	75	45	✓ 29.60		✓				✓	✓					Plastic only taken
6		3091	7.7	50	49.9	✓ 29.43		✓				✓	✓					
7		3044	7.7	30	30.6	✓ 29.335		✓				✓	✓					
8		3025	7.8	20	20.5	✓ 29.313		✓				✓	✓					
9		3062	7.8	10	10.6	✓ 29.92		✓				✓	✓					
10		3037	NA	110m	φ	✓		✓				✓	✓					no sample
11				↑ Tow's fault														
12																		
13																		
14																		
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16																		
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23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 176 mCast # down: 0003 ↓Cast # up: 0004 ↑Time LOC (X) UTCBegin: 13:04Bottom: 13:09End: 13:25

(end 0004)

START POSITION (GPS)

LAT: 48 44.00LONG: 123 08.61

BOTTOM POSITION (GPS)

LAT: 48 43.99LONG: 123 08.76

END POSITION (GPS)

LAT: N/ALONG: N/AComments: no tag for bottle #2 - 150m.no sample #10 bottle closed in air.No nutrient sample taken in glass tubes for #5 - Plastic tubes only for #15

Rosette Log

CRUISE ID: 9603
STATION NAME: SI03PST
UTC DATE y/m/d: 96/02/26
CAST NO.: 8

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
150	1	3095	8.0	150 / 158	158	✓ 29.52		✓				✓	✓					
125	2	3055	8.1	125	125	✓ 29.48		✓				✓	✓					
100	3	3038	7.9	100	101	✓ 29.45		✓				✓	✓			two trips	1 tag.	
75	4	3047	7.8	100	101	✓ 29.45		✓				✓	✓					
50	5	3039	7.8	75	75.9	✓ 29.40		✓				✓	✓					
30	6	3029	7.7	50	50.8	✓ 29.34		✓				✓	✓					
20	7	3064	7.8	30	30.8	✓ 29.23		✓				✓	✓					
10	8	3040	7.2	20	20.7	✓ 29.16		✓				✓	✓			15:51		
0	9	3033	7.8	10	10.5	✓ 28.90		✓				✓	✓					
10		3037	7.4	0	1.5	✓ 25.74		✓				✓	✓					
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ENTERED BY: RMB
CHECKED BY:

Bottom Depth: 167

Cast # down: 96030007

Cast # up: 0000

PST
Time LOC UTC
Begin: 15:32
Bottom: 15:38
End: 15:55START POSITION (GPS)
LAT: 48 51.85
LONG: 123 05.09BOTTOM POSITION (GPS)
LAT: 48 51.74
LONG: 123 04.80END POSITION (GPS)
LAT: 48 51.53
LONG: 123 04.47

Comments: target depth = 155 missed tag for 1st sample @ 100m

Rosette Log

CRUISE ID: 9603
STATION NAME: M103

^{PST}
UTC DATE y/m/d: 96/02/26
CAST NO.: 10

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		3046	7.9	Bottom	121.8	29.49		✓				✓	✓					
2		3100	7.8	100	100.3	29.48		✓				✓	✓					
3		3054	7.7	75	75.3	29.42		✓				✓	✓					
4		3028	7.6	50	49.6	29.30		✓				✓	✓					
5		3127	7.6	30	29.6	28.93		✓				✓	✓					
6		3061	7.9	20	20.8	28.80		✓				✓	✓					
7		3052	7.9	10	10.9	28.45		✓				✓	✓					
8		3082	7.6	Surface	1.4	26.12		✓				✓	✓					
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ENTERED BY:
CHECKED BY:

Bottom Depth: 120

Cast # down: 009
Cast # up: 010

Time LOC UTC
Begin:
Bottom: 16:42
End: 16:58

START POSITION (GPS)
LAT:
LONG:

BOTTOM POSITION (GPS)
LAT: 48 55.10
LONG: 123 10.79

END POSITION (GPS)
LAT: 48 55.04
LONG: 123 10.64

16:58:34

Comments:

Rosette Log

CRUISE ID:

9603

STATION NAME:

GI01

PST

UTC DATE y/m/d:

1996/02/26

CAST NO.:

12

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		3152	8.7	Bottom - 5	156													
2		3006	8.4	150	150	✓												
3		3001	8.1	125	125	✓												
4		3008	7.8	100	100	✓												
5		3158	7.8	75	75	✓												
6		3150	7.8	50	50	✓												
7		3151	7.7	30	30	✓												
8		3152	7.5	20	20	✓												
9		3065	7.5	10	10	✓												
10		3043	7.2	0	0	✓												
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ENTERED BY:

CHECKED BY:

Bottom Depth: 161

Cast # down: 0011

Cast # up: 0012

Time LOC UTC

Begin:

Bottom: 17:47

End: 17:58

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 48 58.57

LONG: 123 16.34

#12.

17:47:16

END POSITION (GPS)

LAT: 48 58.53

LONG: 123 16.34

17:58:26

Comments:

Rosette Log

CRUISE ID: 96-03
STATION NAME: GI02PST
UTC DATE y/m/d: 96/02/26
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		3156	9.2	250	250	✓	30.88		✓				✓					
2		3155	9.1	200	200	✓	30.74		✓				✓					
3		3154	8.7	150	150	✓	30.09		✓				✓					
* 4		3153	8.3	100	100	✓	29.64		✓				✓					
5		3164	8.1	75	75	✓	29.43		✓				✓					
6		3165	8.0	50	50	✓	29.19		✓				✓					
7		3161	8.0	30	30	✓	29.03		✓				✓					
8		3162	7.9	20	20	✓	28.21		✓				✓					
9		3160	7.4	10	10	✓	26.74		✓				✓					
10		3057	5.9	0	0	✓	22.45		✓				✓					
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ENTERED BY:

CHECKED BY:

Bottom Depth: 265Cast # down: 13Cast # up: 15

Time LOC UTC

Begin:

Bottom: 18:59:10End: 19:10:51 (H15)

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 02.68LONG: 123 23.43

END POSITION (GPS)

LAT: 49 02.66LONG: 123 23.50Comments: * 4 bottle leaks - (draws sample with vent closed)
no salinity for no. 10

Rosette Log

CRUISE ID:

9603

STATION NAME:

V101

UTC DATE y/m/d:

96/02/26

CAST NO.:

17

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		3159		100	100	✓	29.41		No samples taken									
2		3166	8.5	100	100	✓	29.41	✓				✓	✓					
3		3167	8.4	75	75	✓	29.21	✓				✓	✓					
4		3170	8.5	50	50	✓	28.99	✓				✓	✓					
5		3171	8.4	30	30	✓	28.67	✓				✓	✓					
6		3172	8.3	20	20	✓	28.26	✓				✓	✓					
7		3173	8.3	10	10	✓	26.86	✓				✓	✓					
8		3174	6.8	0			26.16	✓				✓	✓					
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ENTERED BY:

CHECKED BY:

Bottom Depth:

Cast # down:

16

Cast # up:

17

Time LOC UTC

Begin:

Bottom: 20:14:36

End: 20:21:56

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 02.932

LONG: 123 35.439

END POSITION (GPS)

LAT: 49 02.91

LONG: 123 35.42

Comments: Bottle #1 leaked, so no samples taken from #1.

Rosette Log

CRUISE ID: 96-03
STATION NAME: V102UTC DATE y/m/d: 1996/02/26
CAST NO.: 019SHIP: 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		3159	9.2	250	250	✓	30.91	✓					✓					
2		3175	9.0	200	200	✓	30.69	✓					✓					
3		3176	8.5	150	150	✓	30.01	✓					✓					
4		3177	8.2	100	100	✓	29.60	✓					✓					
5		3178	8.0	75	75	✓	29.31	✓					✓					
6		3179	8.4	50	50	✓	29.07	✓					✓					
7		3115	8.3	30	30	✓	28.81	✓					✓					
8		3078	7.8	20	20	✓	28.28	✓					✓					
9		3035	7.0	10	10	✓	27.32	✓					✓					
10		3110	6.5	0	0	✓	26.64	✓					X					
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ENTERED BY:
CHECKED BY:Bottom Depth: 256Cast # down: 18Cast # up: 19Time LOC UTC
Begin:
Bottom: 21:04:14
End: 21:12:44START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 04.389
LONG: 123 32.265END POSITION (GPS)
LAT: 49 04.34
LONG: 123 32.24

Comments:

Bottle #4 leakedBottle #7 leaked tooNo salinity sample for #10

Rosette Log

CRUISE ID: 9603
STATION NAME: VF03PST
UTC DATE y/m/d: 1996/02/26
CAST NO.: 021SHIP: 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		3048	9.4	335	335	✓	30.97		✓				✓					
2		3096	9.1	300	300	✓	30.92		✓				✓					
3		3093	9.3	200	200	✓	30.65		✓				✓					
4		3092	8.6	150	150	✓	30.03		✓				✓					
5		3079	7.8	100	100	✓	29.49		✓				✓					
6		3122	8.3	50	50	✓	29.14		✓				✓					
7		3107	8.1	30	30	✓	28.89		✓				✓					
8		3024	7.7	20	20	✓	28.53		✓				✓					
9		3089	6.9	10	10	✓	27.24		✓				✓					
10		3075	6.3	0	0	✓	23.92		✓				✓					
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ENTERED BY:
CHECKED BY:Bottom Depth: 352Cast # down: 20
Cast # up: 21 *Time LOC UTC
Begin:
Bottom: 22:10:34
End: 22:26:33START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 05 984
LONG: 123 29 337END POSITION (GPS)
LAT: 49 06.25
LONG: 123 28.99Comments: Bottle #4 leaks

Rosette Log

CRUISE ID: 9603
STATION NAME: V104UTC DATE y/m/d: 96/02/26
CAST NO.: 23SHIP: 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		3069	9.7	bottom	188	✓	30.52		✓				✓					
2		3089	8.8	150	150	✓	30.07		✓				✓					
3		3094	8.2	125	125	✓	29.77		✓				✓					
4		3063	8.2	100	100	✓	29.58		✓				✓					
5		3097	7.8	75	75	✓	29.27		✓				✓					
6		3090	8.0	50	50	✓	29.14		✓				✓					
7		3067	7.7	30	30	✓	29.04		✓				✓					
8		3108	7.6	20	20	✓	28.71		✓				✓					
9		3112	7.8	10	10	✓	27.78		✓				✓					
10		3023	6.3	0	0	✓	23.67		✓				X					
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ENTERED BY:
CHECKED BY:Bottom Depth: 193Cast # down: 22Cast # up: 23Time LOC UTC
Begin:
Bottom: 23:21:41
End: 23:32START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 08 725
LONG: 123 23 433END POSITION (GPS)
LAT: 49 08 .67
LONG: 123 23.53

Comments:

Rosette Log

CRUISE ID: 9603
STATION NAME: V105PST
UTC DATE y/m/d: 96/02/27
CAST NO.: 25SHIP: 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		3077	8.8	bott-5	55	✓	29.34	✓			✓	✓						
2		3026	8.7	50	50.5	✓	29.33	✓			✓	✓						
3		3041	8.3	30	36.3	✓	29.22	✓			✓	✓						
4		3104	8.5	20	26.7	✓	28.99	✓			✓	✓						
5		3034	8.1	10	10.2	✓	28.11	✓			✓	✓						
6		3091	8.4	Ø	2.4	✓	22.52	✓			✓	✓						
7																		
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ENTERED BY:
CHECKED BY:Bottom Depth: 59 mCast # down: 29Cast # up: 25Time LOC UTC
Begin:
Bottom: 11:48
End: 11:56START POSITION (GPS)
LAT:
LONG:BOTTOM POSITION (GPS)
LAT: 49 11.47
LONG: 123 17.85END POSITION (GPS)
LAT: 49 11.50
LONG: 123 17.97Comments: up cast 96030025. * forgot * to TAG bottle tips in the file - oops! RMB.

Rosette Log

CRUISE ID: 9603
STATION NAME: G103PST
UTC DATE y/m/d: 96/02/22
CAST NO.: 27SHIP:

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		3044	7.7	0-5	373	✓	31.00		✓			✓	✓					
2		3025	9.6	300	300.5	✓	30.91		✓			✓	✓					
3		3064	9.9	200	200.0	✓	30.70		✓			✓	✓					
4		3085	9.0	150	151	✓	30.05		✓			✓	✓					
5		3055	8.8	100	100	✓	29.48		✓			✓	✓					
6		3038	8.8	50	50.4	✓	29.08		✓			✓	✓					
7		3047	8.6	30	30.7	✓	28.55		✓			✓	✓					
8		3039	9.1	20	20.7	✓	28.22		✓			✓	✓					
9		3029	7.6	10	10.5	✓	25.88		✓			✓	✓					
10		3062	7.4	0	2.1	✓	~		✓			✓	✓					
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23																		

ENTERED BY: CHECKED BY: Bottom Depth: 382 / 373Cast # down: 26 ↓Cast # up: 27 ↑

Time LOC UTC

Begin: Bottom: 13:31End: 13:52

START POSITION (GPS)

LAT: LONG:

BOTTOM POSITION (GPS)

LAT: 49 10.16LONG: 123 33.9

END POSITION (GPS)

LAT: 49 10.26LONG: 123 33.27

Comments:

#8 no salinity sample
#10 1/2 salinity sample.

Rosette Log

CRUISE ID:

9603

STATION NAME:

G104

UTC DATE y/m/d:

96/02/27

CAST NO.:

29

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		3052	9.9	6-5	389	✓ 29.47?	✓				✓	✓						
2		3100	9.4	300	300	✓ 30.90	✓				✓	✓						
3		3040	9.2	200	198	✓ 30.68	✓				✓	✓						
4		3082	9.3	150	181	✓ 30.19	✓				✓	✓						
5		3054	8.6	100	101	✓ 29.49	✓				✓	✓						
6		3033	8.4	50	50.7	✓ 29.06	✓				✓	✓						
7		3157	8.4	30	30.3	✓ 28.51	✓				✓	✓						
8		3028	7.8	20	21	✓ 27.75	✓				✓	✓						
9		3127	7.0	10	10.7	✓ 26.08	✓				✓	✓						
10		3006	6.9	0	1.8	✓ 25.97	✓				✓	✓						
11																		
12																		
13																		
14																		
15					960300	29.40R / ACK					should read:							
16											UPCAST	not down	UPCAST					
17																		
18																		
19																		
20																		
21																		
22																		
23																		

ENTERED BY:

CHECKED BY:

Bottom Depth: 403

Cast # down: 28 ↓

Cast # up: 29 ↑

Time LOC UTC

Begin:

Bottom: 15:00

End: 1520

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT: 49 12.62

LONG: 123 40.13

END POSITION (GPS)

LAT: 49 12.65

LONG: 123 39.97

Comments:

OID malfunction at depth? X ms very noisy.
salinity reading at depth was weird.

Rosette Log

CRUISE ID: 9603
STATION NAME: NIO1UTC DATE y/m/d: 96 02 27
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		3003	9.1	bottom	90.7	✓	29.33		✓				✓					
2		3158	9.0	75	76.13	✓	29.16		✓				✓					
3		3150	8.7	50	50.85	✓	28.86		✓				✓					
4		3151	8.8	30	30.38	✓	28.38		✓				✓					
5		3065	7.8	20	20.77	✓	28.11		✓				✓					
6		3152	7.7	10	10.57	✓	27.71		✓				✓					
7		3043	8.2	0	1.35	✓	26.1		✓				✓					
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ENTERED BY:
CHECKED BY:Bottom Depth: 97Cast # down: 30Cast # up: 31

Time LOC UTC

Begin: 1620Bottom: 1623End: 1658

START POSITION (GPS)

LAT: 49 13 31LONG: 123 51 42

BOTTOM POSITION (GPS)

LAT: 49 13 324LONG: 123 51 471

END POSITION (GPS)

LAT: 49 14 64LONG: 123 48 79

Comments:

Rosette Log

CRUISE ID:

9603

STATION NAME:

NIØ2

PST

~~UTC~~ DATE y/m/d:

96 02 27

CAST NO.:

33

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		3156	9.7	300+	34.9	30.98		✓			✓	✓						
2		3166	9.2	200	200.18	30.69		✓			✓	✓						
3		3167	8.9	150	150.52	30.07		✓			✓	✓						
4		3170	8.5	100	100.95	29.49		✓			✓	✓						
5		3171	8.3	75	73.57	29.30		✓			✓	✓						
6		3172	8.3	50	50.85	29.04		✓			✓	✓						
7		3173	8.3	30	30.90	28.49		✓			✓	✓						
8		3162	7.7	20	20.55	28.02		✓			✓	✓						
9		3160	7.2	10	10.65	26.93		✓			✓	✓						
10		3057	6.3	0	1.13	25.18		✓			✓	✓						
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ENTERED BY:

CHECKED BY:

Bottom Depth: 355

Cast # down: 32

Cast # up: 33

Time LOC UTC

Begin: 1704

Bottom: 1713

End: 1727

START POSITION (GPS)

LAT: 49 14 69

LONG: 123 48 75

BOTTOM POSITION (GPS)

LAT: 49 14 72

LONG: 123 48 80

END POSITION (GPS)

LAT: 49 14 77

LONG: 123 48 74

Comments: #4 Leaker

Rosette Log

CRUISE ID:

9603

STATION NAME:

N103

UTC DATE y/m/d:

96/02/27

CAST NO.:

35

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/deg
1		3046	9.6	bottom	400	✓	31.00										20011	3.2 9.51
2		3175	9.4	300	300	✓	30.88										15765	4.2 9.52
3		3176	9.2	200	200	✓	30.61											
4		3001	8.9	150	150	✓	30.16											
5		3155	8.4	100	100	✓	29.64											
6		3061	8.2	50	50	✓	29.21											
7		3161	8.2	30	30	✓	28.69											
8		3153	7.6	20	20	✓	27.98											
9		3164	6.8	10	10	✓	26.47											
10		3037	6.3	0	1.05	✓	25.88											
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Comments:

Bottle #1 is a leaker

Thermometers on bottle #1 Ocean Ecology Marc # 20011, 15765

ENTERED BY:

CHECKED BY:

Bottom Depth: 403

Cast # down: 34

Cast # up: 35

Time LOC UTC

Begin: 1804

Bottom: 1814

End: 19:00

START POSITION (GPS)

LAT: 49 15 96

LONG: 123 46 06

BOTTOM POSITION (GPS)

LAT: 49 16 02

LONG: 123 45 98

END POSITION (GPS)

LAT: 49 17 35

LONG: 123 43 64

Rosette Log

CRUISE ID:

9603

STATION NAME:

NI04

PST
UTC DATE y/m/d:

96 02 27

CAST NO.:

37

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		3159	9.2	Bottom - 5	291	✓	30.9	✓			✓	✓						
2		3179	9.1	200	200.7	✓	30.52	✓			✓	✓						
3		3154	8.7	150	150.4	✓	30.07	✓			✓	✓						
4		3177	8.2	100	100	✓	29.59	✓			✓	✓						
5		3178	8.1	75	74.8	✓	29.47	✓			✓	✓						
6		3165	8.0	50	50.7	✓	29.21	✓			✓	✓						
7		3096	8.2	30	30.5	✓	28.63	✓			✓	✓						
8		3174	7.2	20	20.4	✓	27.33	✓			✓	✓						
9		3093	7.0	10	10.2	✓	26.62	✓			✓	✓						
10		3110	6.3	0	1.03	✓	25.02	✓			✓	✓						
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ENTERED BY:

CHECKED BY:

Bottom Depth: 300

Cast # down: 36

Cast # up: 37

Time LOC UTC

Begin: 1921

Bottom: 1930

End: 1951

START POSITION (GPS)

LAT: 49 17 80

LONG: 123 42 48

BOTTOM POSITION (GPS)

LAT: 49 17 83

LONG: 123 42 46

END POSITION (GPS)

LAT: 49 18 16

LONG: 123 41 86

Comments:

Rosette Log

CRUISE ID:

9603

STATION NAME:

N105

PST
UTC DATE y/m/d:

96 02 27

CAST NO.:

39

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		3094	9.6	Bottom	255.3	✓	30.66	✓					✓					
2		3084	9.0	200	200.1	✓	30.55	/					✓					
3		3023	8.5	150	150.0	✓	30.08	✓					✓					
4		3112	8.1	100	100.6	✓	29.57	✓					✓					
5		3108	8.0	75	75.5	✓	29.46	✓					✓					
6		3067	8.0	50	50.5	✓	29.27	✓					✓					
7		3123	8.3	30	30.5	✓	28.92	✓					✓					
8		3114	7.7	20	20.8	✓	27.78	✓					✓					
9		3109	6.3	10	10.4	✓	25.12	✓					✓					
10		3098	6.2	0	1.2	✓	24.93	✓					X					
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ENTERED BY:

CHECKED BY:

Bottom Depth: 260

Cast # down: 38

Cast # up: 39

Time LOC UTC

Begin: 20:32

Bottom: 20:42

End: 21:34

START POSITION (GPS)

LAT: 49 19 62

LONG: 123 38 76

BOTTOM POSITION (GPS)

LAT: 49 19 56

LONG: 123 38 80

END POSITION (GPS)

LAT: 49 21 36

LONG: 123 34 97

Comments:

Bottle #4 is a leaker

No salinity sample for bottle #10

Empty leaking from bottom

Rosette Log

CRUISE ID: 9603
STATION NAME: NI06^{PST}
UTC DATE y/m/d: 96 02 27
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		3035	9.2	bottom	152.4	✓	30.17	✓										
2		3078	8.5	125	125.7	✓	29.76	✓										
3		3115	8.2	100	100.5	✓	29.54	✓										
4		3107	7.8	75	75.4	✓	29.39	✓										
5		3048	7.7	50	50	✓	29.14	✓										
6		3063	7.8	30	30.6	✓	28.92	✓										
7		3097	7.8	20	20.4	✓	28.40	✓										
8		3079	6.3	10	10.4	✓	25.55	✓										
9		3092	6.2	0	1.5	✓	25.08	✓										
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Comments: Bottle #4 leaked

ENTERED BY:

CHECKED BY:

Bottom Depth: 159Cast # down: 40Cast # up: 41

Time LOC UTC

Begin: 2146Bottom: 2152End: 22:00

START POSITION (GPS)

LAT: 49 21 37LONG: 123 35 06

BOTTOM POSITION (GPS)

LAT: 49 21 33.5LONG: 123 35 06.4

END POSITION (GPS)

LAT: 49 21 42LONG: 123 35 10

Rosette Log

CRUISE ID: 9603
STATION NAME: NI07

PST
UTC DATE y/m/d: 96 02 27
CAST NO.: 43

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		3069	8.6	bottom	45.3	✓ 29.26	✓					✓						
2		3075	8.1	30	30.38	✓ 29.10	✓					✓						
3		3024	8.0	20	21.0	✓ 28.80	✓					✓						
4		3089	7.7	10	10.57	✓ 27.15	✓					✓						
5		3118	6.3	0	1.2	✓ 25.00	✓					✓						
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ENTERED BY:
CHECKED BY:

Bottom Depth: 53

Cast # down: 42
Cast # up: 43

Time	LOC	UTC
Begin:	22	47
Bottom:	22	49
End:	22	54

START POSITION (GPS)
LAT: 49 22 55
LONG: 123 32 9

BOTTOM POSITION (GPS)
LAT: 49 22 52
LONG: 123 32 9

END POSITION (GPS)
LAT: 49 22 54
LONG: 123 32 89

Comments: