

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 29 Event #: 00 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 8 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		1	B-2	✓	61	✓	✓												
2		2	B-4	✓	59	✓	✓	✓											
3		3	B-6	✓	57	✓	✓												
4		4	25	✓		✓	✓												
5		5	10	✓		✓	✓												
6		6	5	✓		✓	✓												
7		7	0	✓		✓	✓												
8		BUCKET	0																
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:

Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

H-m

Bottom Depth: 61 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

14 : 22

07 : 22

Bottom (BO)

14 : 24

:

End (EN)

14 : 30

:

Positional Information

Start

Lat: 49 ° 24 . 71 N

Lon: 124 ° 34 . 79 W

▼

Bottom

Lat: 49 ° 24 . 72 N

Lon: 124 ° 34 . 70 W

▼

Finish

Lat: 49 ° 24 . 73 N

Lon: 124 ° 34 . 76 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 27 Event #: 002 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 8 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		8	B-2	✓ 61	✓	✓													
2		9	B-4	✓ 59	✓	✓	✓												
3		10	B-6	✓ 57	✓	✓													
4		11	25	✓	✓	✓													
5		12	10	✓	✓	✓													
6		13	5	✓	✓	✓													
7		14	0	✓	✓	✓													
8		BUCKET	0																
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: _____ m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

15:06

08:06

Bottom (BO)

15:08

:

End (EN)

15:13

:

Positional Information

Start

Lat: 49° 26.40 N

Lon: 124° 37.94 W

▼

Bottom

Lat: 49° 26.42 N

Lon: 124° 37.91 W

▼

Finish

Lat: 49° 26.47 N

Lon: 124° 37.83 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: BS 23 Event #: 003 Vessel: Vector UTC Date (dd|mmm|yyyy): 8 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		15	B-2	✓ 59	✓	✓												
2		16	B-4	✓ 57	✓	✓	✓											
3		17	B-6	✓ 55	✓	✓												
4		18	25	✓	✓	✓												
5		19	10	✓	✓	✓												
6		20	5	✓	✓	✓												
7		21	0	✓	✓	✓												
8		—	BUCKET															
9																		
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21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 56 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:40	08:40
Bottom (BO)	15:42	:
End (EN)	15:51	:

Positional Information

Lat:	49 ° 27 . 72	N
Lon:	124 ° 39 . 94	W

Start

Lat:	49 ° 27 . 73	N
Lon:	124 ° 39 . 89	W

Bottom

Lat:	49 ° 27 . 77	N
Lon:	124 ° 39 . 77	W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 22 Event #: 007 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 3 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		22	B-2	✓ 44	✓	✓												
2		23	B-4	✓ 42	✓	✓	✓											
3		24	B-6	✓ 40	✓	✓												
4		25	10	✓	✓	✓												
5		26	5	✓	✓	✓												
6		27	0	✓	✓	✓												
7			BUCKET															
8																		
9																		
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22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 42 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18 : 22	:
Bottom (BO)	18 : 23	:
End (EN)	18 : 27	:

Positional Information
Start
Lat: 49 ° 28 . 29 N
Lon: 124 ° 41 . 67 W

Bottom
Lat: 49 ° 28 . 29 N
Lon: 124 ° 41 . 67 W

Finish
Lat: 49 ° 28 . 27 N
Lon: 124 ° 41 . 60 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 20 Event #: 010 Vessel: VECTOR UTC Date (dd|mmm|yyyy): | |

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		28	B-2	✓ 38	✓	✓												
2		29	B-4	✓ 36	✓	✓	✓											
3		30	B-6	✓ 34	✓	✓												
4		31	25	✓	✓	✓												
5		32	10	✓	✓	✓												
6		33	5	✓	✓	✓												
7		34	0	✓	✓	✓												
8			BUCKET															
9																		
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22																		
23																		
24																		

Profile type:

Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 38 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

20 : 23

13 : 23

Bottom (BO)

20 : 25

:

End (EN)

20 : 31

:

Positional Information

Start

Lat: 49 ° 28 . 34 N

Lon: 124 ° 44 . 81 W

Bottom

Lat: 49 ° 28 . 34 N

Lon: 124 ° 44 . 80 W

Finish

Lat: 49 ° 28 . 33 N

Lon: 124 ° 44 . 79 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 17 Event #: 013 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 8 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	DIC										
1		35	B-2	✓ 54	✓	✓			✓										
2		36	B-4	✓ 52	✓✓	✓	✓		✓										
3		37	B-6	✓ 50	✓	✓			✓										
4		38	25	✓	✓	✓			✓✓										
5		39	10	✓	✓	✓✓			✓										
6		40	5	✓	✓	✓			✓										
7		41	0	✓	✓	✓			✓										
8			BUCKET																
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24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 57 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:19	:
Bottom (BO)	21:21	:
End (EN)	:	:

Positional Information

Start

Lat: 49 ° 29 . 02 N

Lon: 124 ° 46 . 17 W

▼

Bottom

Lat: 49 ° 29 . 02 N

Lon: 124 ° 46 . 17 W

▼

Finish

Lat: ° . N

Lon: ° . W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: Z04-27 Station: 15 Event #: 021 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		42	B-2	✓ 26	✓	✓													
2		43	B-4	✓ 24	✓	✓	✓												
3		44	B-6	✓ 22	✓	✓													
4		45	10	✓	✓	✓													
5		46	5	✓	✓	✓													
6		47	0	✓	✓	✓													
7																			
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24																			

Profile type:
Ros (default) | TrMetIRos | X-Niskin

Watchkeeper(s):

H.M

Bottom Depth: 25 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

14 : 16

07 : 16

Bottom (BO)

14 :

:

End (EN)

14 :

:

Positional Information

Start

Lat: 49 ° 30 . 63 N

Lon: 124 ° 49 . 00 W

▼

Bottom

Lat: 49 ° 30 . N

Lon: 124 . W

▼

Finish

Lat: 49 ° 30 . N

Lon: 124 . W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 14 Event #: 022 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		48	B-2	✓ 48	✓	✓												
2		49	B-4	✓ 46	✓	✓	✓											
3		50	B-6	✓ 44	✓	✓												
4		51	25	✓	✓	✓												
5		52	10	✓	✓	✓												
6		53	5	✓	✓	✓												
7		54	0	✓	✓	✓												
8			BUCKET															
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22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: _____ m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:04	08:04
Bottom (BO)	15:07	:
End (EN)	15:13	:

Positional Information

Start

Lat: 49 ° 31 . 08 N

Lon: 124 ° 48 . 70 W

Bottom

Lat: 49 ° 31 . 08 N

Lon: 124 ° 48 . 70 W

Finish

Lat: 49 ° 31 . 08 N

Lon: 124 ° 48 . 70 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 11 Event #: 025 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		55	B-2	✓ 42	✓	✓													
2		56	B-4	✓ 40	✓	✓	✓												
3		57	B-6	✓ 38	✓	✓													
4		58	25	✓	✓	✓													
5		59	10	✓	✓	✓													
6		60	5	✓	✓	✓													
7		61	0	✓	✓	✓													
8			BUCKET																
9																			
10																			
11																			
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17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 40 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16 : 16	09 : 16
Bottom (BO)	16 : 18	:
End (EN)	16 :	:

Positional Information

Start

Lat: 49 ° 32 . 18 N

Lon: 124 ° 50 . 51 W

Bottom

Lat: 49 ° 32 . 18 N

Lon: 124 ° 50 . 51 W

Finish

Lat: 49 ° 32 . N

Lon: 124 ° 50 . W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 8 Event #: 034 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		62	B-2	✓ 47	✓	✓													
2		63	B-4	✓ 45	✓	✓	✓												
3		64	B-6	✓ 43	✓✓	✓													
4		65	25	✓	✓	✓													
5		66	10	✓	✓	✓													
6		67	5	✓	✓	✓✓													
7		68	0	✓	✓	✓													
8			BUCKET																
9																			
10																			
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24																			

Profile type:
Ros (default) | TrMetIRos | X-Niskin

Watchkeeper(s):

H.M.

Bottom Depth: 48 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20 : 40	13 : 40
Bottom (BO)	20 : 42	:
End (EN)	20 : 40	:

Positional Information

Lat: 49 ° 34 . 13 N

Lon: 124 ° 51 . 60 W

Start

Lat: 49 ° 34 . 13 N

Lon: 124 ° 51 . 61 W

Bottom

Lat: 49 ° 34 . 13 N

Lon: 124 ° 51 . 60 W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 5 Event #: 37 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	DIC									
1		69	B-2	✓ 41	✓	✓✓			✓									
2		70	B-4	✓ 39	✓	✓✓	✓		✓									DOUBLE NUTS
3		71	B-6	✓ 37	✓	✓✓			✓✓									1 SET FILTERED
4		72	25	✓	✓✓	✓✓			✓									1 SET UN FILTERED
5		73	10	✓	✓	✓✓			✓									
6		74	5	✓	✓	✓✓			✓									
7		75	0	✓	✓	✓✓			✓									
8			BUCKET															
9																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros(default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 41 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:41	14:41
Bottom (BO)	21:44	:
End (EN)	21:51	:

Positional Information

Start

Lat: 49 ° 35 . 84 N

Lon: 124 ° 51 . 56 W

Bottom

Lat: 49 ° 35 . 86 N

Lon: 124 ° 51 . 58 W

Finish

Lat: 49 ° 35 . 89 N

Lon: 124 ° 51 . 61 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 2 Event #: 40 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 9 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		76	B-2	✓ 33	✓	✓												
2		77	B-4	✓ 31	✓	✓	✓											
3		78	B-6	✓ 29	✓	✓												
4		79	25	✓	✓	✓												
5		80	10	✓	✓	✓												
6		81	5	✓	✓	✓												
7		82	0	✓	✓	✓												
8																		
9																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 33 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	23:04	16:04
Bottom (BO)	23:05	:
End (EN)	23:11	:

Positional Information

Start	Lat:	49° 38.44	N
	Lon:	124° 53.67	W
Bottom	Lat:	49° 38.43	N
	Lon:	124° 53.69	W
Finish	Lat:	49° 38.42	N
	Lon:	124° 53.71	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 34 Event #: 57 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1	✓	83	B-2	✓	176	✓	✓											
2	✓	84	B-4	✓	174	✓	✓	✓										
3	✓	85	B-6	✓	172	✓	✓											
4		86	125	✓		✓	✓											
5	✓	87	100	✓		✓	✓											
6		88	75	✓		✓	✓											
7	✓	89	50	✓		✓	✓											
8	✓	90	25	✓		✓	✓											
9	✓	91	10	✓		✓	✓											
10	✓	92	5	✓		✓	✓											
11	✓	93	0	✓		✓	✓											
12			BUCKET			✓	✓											
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 182 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:20	07:20
Bottom (BO)	14:24	:
End (EN)	14:35	:

Positional Information

Lat:	49 ° 27 . 33	N
Lon:	124 ° 35 . 09	W

Bottom

Lat:	49 ° 27 . 34	N
Lon:	124 ° 35 . 11	W

Finish

Lat:	49 ° 27 . 37	N
Lon:	124 ° 35 . 19	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 33 Event #: 053 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		94	B-2	✓ 58	✓	✓												
2		95	B-4	✓ 56	✓	✓	✓											
3		96	B-6	✓ 54	✓✓	✓												
4		97	25	✓	✓	✓												
5		98	10	✓	✓	✓✓												
6		99	5	✓	✓	✓												
7		100	0	✓	✓	✓												
8			BUCKET															
9																		
10																		
11																		
12																		
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14																		
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17																		
18																		
19																		
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21																		
22																		
23																		
24																		

Profile type:

Ros(default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 56 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:45	:
Bottom (BO)	15:46	:
End (EN)	15:53	:

Positional Information

Start

Lat: 49° 30' . 53 N

Lon: 124° 42' . 78 W

Bottom

Lat: 49° 30' . 54 N

Lon: 124° 42' . 79 W

Finish

Lat: 49° 30' . 54 N

Lon: 124° 42' . 81 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 32 Event #: 55 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		101	B-2	✓ 44	✓	✓												
2		102	B-4	✓ 42	✓	✓	✓											
3		103	B-6	✓ 40	✓	✓												
4		104	25	✓	✓	✓												
5		105	10	✓	✓	✓												
6		106	5	✓	✓	✓												
7		107	0	✓	✓	✓												
8			Bucket															
9																		
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21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: _____ m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16 : 39	09 : 39
Bottom (BO)	16 : 41	:
End (EN)	16 : 47	:

Positional Information

Lat:	49 ° 33 . 52	N
Lon:	124 ° 44 . 34	W

Start

▼

Lat:	49 ° 33 . 53	N
Lon:	124 ° 44 . 36	W

Bottom

▼

Lat:	49 ° 33 . 54	N
Lon:	124 ° 44 . 38	W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 31 Event #: 57 Vessel: Vector UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		108	B-2	✓ 45	✓	✓												
2		109	B-4	✓ 43	✓✓	✓	✓											
3		110	B-6	✓ 41	✓	✓✓												
4		111	25	✓	✓	✓												
5		112	10	✓	✓	✓												
6		113	5	✓	✓	✓												
7		114	0		✓	✓												
8			BUCKET															
9																		
10																		
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24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 43 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:44	10:44
Bottom (BO)	17:46	:
End (EN)	17:51	:

Positional Information

Start

Lat: 49 ° 37 . 46 N

Lon: 124 ° 46 . 77 W

Bottom

Lat: 49 ° 37 . 45 N

Lon: 124 ° 46 . 77 W

Finish

Lat: 49 ° 37 . 42 N

Lon: 124 ° 46 . 79 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 24 Event #: 60 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		115	B-2	✓ 52	✓	✓✓												
2		116	B-4	✓ 50	✓	✓	✓											
3		117	B-6	✓ 48	✓	✓												
4		118	25	✓	✓✓	✓												
5		119	10	✓	✓	✓												
6		120	5	✓	✓	✓												
7		121	0	✓	✓	✓												
8			BUCKET															
9																		
10																		
11																		
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21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetIRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: _____ m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:13	12:13
Bottom (BO)	19:15	:
End (EN)	19:21	:

Positional Information

Start

Lat: 49° 39.81 N

Lon: 124° 57.17 W

Bottom

Lat: 49° 39.81 N

Lon: 124° 57.17 W

Finish

Lat: 49° 39.78 N

Lon: 124° 57.19 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 35 Event #: 65 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		122	B-2	✓ 123	✓	✓													
2		123	B-4	✓ 121	✓	✓													
3		124	B-6	✓ 119	✓	✓	✓												
4		125	100	✓	✓	✓													
5		126	75	✓	✓	✓													
6		127	50	✓	✓	✓													
7		128	25	✓	✓	✓													
8		129	10	✓	✓	✓													
9		130	5	✓	✓	✓													
10		131	0	✓	✓	✓													
11																			
12																			
13																			
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23																			
24																			

Profile type:
Ros/default | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:09	14:09
Bottom (BO)	21:13	:
End (EN)	21:23	:

Positional Information

Start

Lat: 49° 41.94 N

Lon: 124° 47.52 W

Bottom

Lat: 49° 41.92 N

Lon: 124° 47.53 W

Finish

Lat: 49° 41.85 N

Lon: 124° 47.47 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 36 Event #: 67 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		132	B-2	✓	136	✓	✓											
2		133	B-4	✓	134	✓	✓											
3		134	B-6	✓	132	✓	✓											
4		135	100	✓		✓	✓	✓										
5		136	75	✓		✓	✓											
6		137	50	✓		✓	✓											
7		138	25	✓		✓	✓											
8		139	10	✓		✓	✓											
9		140	5	✓		✓	✓											
10		141	0	✓		✓	✓											
11																		
12																		
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21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 136 m
Transmissio Cleaned: ☒ Y / N
Fluorometer Cleaned: ☐ Y / N

Time	UTC	Local
Start (BE)	<u>22:07</u>	:
Bottom (BO)	<u>22:11</u>	:
End (EN)	<u>22:21</u>	:

Positional Information
Start
Lat: 49° 38.85 N
Lon: 124° 43.20 W

▼
Bottom
Lat: 49° 38.86 N
Lon: 124° 43.20 W

▼
Finish
Lat: 49° 38.87 N
Lon: 124° 43.16 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 40 Event #: 73 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 11 | 4 | 14

Bottles & Samples			Rosette Operation			Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓	Pressure	Oxy	Nut	Sal	Chl a										
1		142	B-2	✓	340	✓	✓												
2		143	B-4	✓	338	✓	✓												
3		144	B-6	✓	336	✓	✓												
4		145	250	✓		✓	✓	✓											
5		146	200	✓		✓	✓												
6		147	150	✓		✓	✓												
7		148	100	✓		✓	✓												
8		149	75	✓		✓	✓												
9		150	50	✓		✓	✓												
10		151	25	✓		✓	✓												
11		152	10	✓		✓	✓												
12		153	5	✓		✓	✓												
13		154	0	✓		✓	✓												
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 340 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:55	07:55
Bottom (BO)	15:02	:
End (EN)	15:16	:

Positional Information

Lat:	49 ° 27 . 11	N
Lon:	124 ° 28 . 32	W

Start

Lat:	49 ° 27 . 12	N
Lon:	124 ° 28 . 37	W

Bottom

Lat:	49 ° 27 . 12	N
Lon:	124 ° 28 . 39	W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-27 Station: 39 Event #: 74 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 11 | 4 | 14

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a											
1		155	B-2	✓ 170	✓	✓													
2		156	B-4	✓ 168	✓	✓													
3		157	B-6	✓ 166	✓	✓	✓												
4		158	100	✓	✓	✓													
5		159	75	✓	✓	✓													
6		160	50	✓	✓	✓													
7		161	25	✓	✓	✓													
8		162	10	✓	✓	✓													
9		163	5	✓	✓	✓													
10		164	0	✓	✓	✓													
11			BUCKET																
12																			
13																			
14																			
15																			
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17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
H.M.

Bottom Depth: 173 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:44	09:44
Bottom (BO)	15:47	:
End (EN)	15:53	:

Positional Information

Start

Lat: 49° 30' . 56 N

Lon: 124° 29' . 60 W

Bottom

Lat: 49° 30' . 58 N

Lon: 124° 29' . 58 W

Finish

Lat: 49° 30' . 63 N

Lon: 124° 29' . 58 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)