

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-50 Station: SI Event #: 1 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 26 | Oct | 2014

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	100	✓ 100	X	X										
2		2	75	✓ 75			X									
3		3	50	✓ 50												
4		4	40	✓ 40												
5		5	30	✓ 30												
6		6	20	✓ 20				XX								
7		7	10	✓ 10				XX								
8		8	5	✓ 5												
9		9	SPC	✓ 0.5	X	X		XX								
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
RC KS FL

Bottom Depth: 175 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>22:29</u>	<u>15:29</u>
Bottom (BO)	<u>22:31</u>	<u>15:31</u>
End (EN)	<u>22:41</u>	<u>15:41</u>

Positional Information

Start	Lat: <u>48</u> ° <u>39</u> . <u>58</u> N
	Lon: <u>123</u> ° <u>29</u> . <u>96</u> W
Bottom	Lat: <u>48</u> ° <u>39</u> . <u>61</u> N
	Lon: <u>123</u> ° <u>29</u> . <u>95</u> W
Finish	Lat: <u>48</u> ° <u>39</u> . <u>63</u> N
	Lon: <u>123</u> ° <u>29</u> . <u>95</u> 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: 2014-50 Station: 59 Event #: 2 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 27|Oct|2014

Bottles & Samples			Rosette Operation		Samples Taken (X write sample's initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	DIC	Dens						
1		10	6-5	✓ 224	X	X			X	X						
2		11	200	✓ 200			X		X	XX						
3		12	175	✓ 175		XX										
4		13	150	✓ 150	XX				X	X						
5		14	125	✓ 125					XX							
6		15	100	✓ 100					X	X						
7		16	75	✓ 75					X	X						
8		17	50	✓ 50					X	X						
9		18	40	✓ 40		XX				X						
10		19	30	✓ 30	XX				XX	X						
11		20	20	✓ 20				XX	X	X						
12		21	10	✓ 10				XX	X	X						
13		22	5	✓ 5					X	XX						
14		23	stk	✓ 0.4	X	X		XX	X	X						
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

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

Time	UTC	Local
Start (BE)	00 : 53	17 : 53
Bottom (BO)	00 : 59	17 : 59
End (EN)	01 : 15	18 : 15

Positional Information

Lat:	48 ° 37 . 77	N
Lon:	123 ° 14 . 62	W

Start

▼

Lat:	48 ° 37 . 76	N
Lon:	123 ° 14 . 63	W

Bottom

▼

Lat:	48 ° 37 . 76	N
Lon:	123 ° 14 . 70	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: 2014-50 Station: 102 Event #: 5 Vessel: NECTOR UTC Date (dd|mmm|yyyy): 27 | 10 | 2014

[illegible]

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SP/MLR

Bottom Depth:	253	m
Transmisso Cleaned:	Y	/ N
Fluorometer Cleaned:	Y	/ N

Time	UTC	Local
Start (BE)	13 : 48	:
Bottom (BO)	13 : 54	:
End (EN)	14 : 03	:

Positional Information	
Lat:	43° 30.252
Lon:	124° 44.069

Start	Lat: 40 30 . 37 E
	Lon: 124 ° 44 . 069 W
▼	
Bottom	Lat: 40 30 . 12 S
	Lon: 124 ° 43 . 814 W

Finish	Lat:	43° 30' 361
	Lon:	124° 43' 506

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: 2014-50 Station: 75 Event #: 6 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 27 | Oct | 2014

no bottle 1

Bottles & Samples			Rosette Operation		Samples Taken (X with samplers initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		39	5-5	217	X	X											
2		40	200	200			X										
3		41	175	175		XX											
4		42	150	150	XX												
5		43	125	125													
6		44	100	100													
7		45	75	75													
8		46	50	50	XX												
9		47	40	40													
10		48	30	30		XX											
11		49	20	20				XX									
12		50	10	10				XX									
13		51	5	5													
14		52	SPC	1	X	X		XX									
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
Sal/mol R

Bottom Depth: 218 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	<u>15:00</u>	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start	Lat: <u>48° 28.259</u> N
	Lon: <u>124° 32.722</u> W
Bottom	Lat: <u>48° 28.296</u> N
	Lon: <u>124° 32.642</u> W
Finish	Lat: <u>48° 28.327</u> N
	Lon: <u>124° 32.477</u> 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: 2014-50

Station: 72

Event #: 7

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 27 | 10 | 2014

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	PHYTO						
1		53	8-5	✓ 180	X	X			X	X						
2		54	175	✓ 175	X	X	X									
3		55	150	✓ 150	X	X			XX	XX						
4		56	125	✓ 125	XX	X										
5		57	100	✓ 100	X	XX			X	X						
6		58	75	✓ 75	X	X			X	X						
7		59	50	✓ 50	X	X			X	X						
8		60	40	✓ 40	X	X			X	X						
9		61	30	✓ 30	X	XX			XX	X						
10		62	20	✓ 20	XX	X		XX	X	X						
11		63	10	✓ 10	X	X		XX	X	X						
12		64	5	✓ 5	X	X			X	XX	X					
13		65	0	✓	X	X		XX	X	X						
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SP/mc/rn

Bottom Depth: 185 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 17:36 :
 Bottom (BO) 17:40 :
 End (EN) 17:53 :

Positional Information
 Lat: 48° 18.607 N
 Lon: 124° 4.027 W

Start
 Bottom
 Lat: 48° 18.604 N
 Lon: 124° 4.018 W

Finish
 Lat: 48° 18.600 N
 Lon: 124° 4.027 W

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

10.24.14.56.74:5800

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-50 Station: 69 Event #: 8 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 27 | 10 | 2014

Bottles & Samples			Rosette Operation		Samples Taken (X = water samples; initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a								
1		66	13-5	✓ 171	X	X										
2		67	150	✓ 150	X	X	X									
3		68	125	✓ 125	X	XX										
4		69	100	✓ 100	XX	X										
5		70	75	✓ 75	X	X										
6		71	50	✓ 50	X	X										
7		72	40	✓ 40	X	X										
8		73	30	✓ 30	XX	X										
9		74	20	✓ 20	X	XX		XX								
10		75	10	✓ 10	X	X		XX								
11		76	5	✓ 5	X	X										
12		77	0	✓ 0.8	X	X		XX								
13				✓												
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMet/Ros | X-Niskin
 Watchkeeper(s):
B KSL

Bottom Depth: _____ m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 20:20 13:20
 Bottom (BO) 20:24 13:24
 End (EN) 20:36 13:36

Positional Information
 Start
 Lat: 48° 15' 29" N
 Lon: 123° 43' 00" W
 Bottom
 Lat: 48° 15' 26" N
 Lon: 123° 43' 00" W
 Finish
 Lat: 48° 15' 24" N
 Lon: 123° 43' 00" 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 50

Station: ADCP

Event #: 9

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 27 | Oct | 2014

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		78	5-5	✓ 115	X	X										
2		79	100	✓ 100	X	X	X									
3		80	75	✓ 75	XX	X										
4		81	50	✓ 50	X	XX										
5		82	40	✓ 40	X	X										
6		83	30	✓ 30	X	X										
7		84	20	✓ 20	X	XX		XX								
8		85	10	✓ 10	XX	X		XX								
9		86	5	✓ 5	X	X										
10		87	30	✓ 0.3	X	X		XX								
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
RS FL

Bottom Depth: 120 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:29	15:29
Bottom (BO)	22:32	15:32
End (EN)	22:42	15:42

Positional Information
 Start
 Lat: 48 ° 14 . 01 N
 Lon: 123 ° 17 . 95 W

Bottom
 Lat: 48 ° 14 . 02 N
 Lon: 123 ° 17 . 88 W

Finish
 Lat: 48 ° 14 . 03 N
 Lon: 123 ° 17 . 91 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: 2014-50 Station: 65 Event #: 10 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 27 | Oct | 2014

Bottles & Samples			Rosette Operation		Samples Taken (write sampler initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a								
1		88	6-5	✓ 120		X										
2		89	100	✓ 100		X	X									
3		90	75	✓ 75		XX										
4		91	50	✓ 50		X										
5		92	40	✓ 40		X										
6		93	30	✓ 30		X										
7		94	20	✓ 20		XX		XX								
8		95	10	✓ 10		X		XX								
9		96	5	✓ 5		X										
10		97	SFC	✓ 0.4		X		XX								
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
FL KS

Bottom Depth: 124 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>23:25</u>	<u>16:25</u>
Bottom (BO)	<u>23:27</u>	<u>16:27</u>
End (EN)	<u>23:38</u>	<u>16:38</u>

Positional Information

Start	Lat: <u>48</u> ° <u>15</u> . <u>91</u> N
	Lon: <u>123</u> ° <u>9</u> . <u>76</u> W

Bottom

Lat: <u>48</u> ° <u>15</u> . <u>91</u> N
Lon: <u>123</u> ° <u>9</u> . <u>76</u> W

Finish

Lat: <u>48</u> ° <u>15</u> . <u>89</u> N
Lon: <u>123</u> ° <u>9</u> . <u>78</u> 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: 201450

Station: 62

Event #: 11

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 27 | Oct | 2014

[illegible]

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
RKS FL

Bottom Depth: 146 m

Transmisso Cleaned: ☒ Y / ☐ N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00 : 36	17 : 36
Bottom (BO)	00 : 40	17 : 40
End (EN)	00 : 50	17 : 50

Positional Information

Start	Lat: 48° 22' 84"
	Lon: 123° 2' 59"

Bottom

Lat: 48° 22' 87"

Lon: 173° 2' 62"

▼

Lat:	48° 22' . 90
Lon:	123° 2' . 59

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: 2014-50

Station: 56

Event #: 12

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 28 | Oct | 2014

Bottles & Samples			Rosette Operation		Samples Taken (write sampler initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		109	6-5	✓ 208	X	X												
2		110	200	✓ 200			X											
3		111	175	✓ 175														
4		112	150	✓ 150	XX													
5		113	125	✓ 125		XX												
6		114	100	✓ 100														
7		115	75	✓ 75														
8		116	50	✓ 50														
9		117	40	✓ 40	XX													
10		118	30	✓ 30		XX												
11		119	20	✓ 20				XX										
12		120	10	✓ 10				XX										
13		121	5	✓ 5														
14		122	ste	✓ 0.7	X	X		XX										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
 KC VS FL

Bottom Depth: 214 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 05:36 22:36
 Bottom (BO) 05:40 22:40
 End (EN) : :

Positional Information
 Start
 Lat: 48° 46.37' N
 Lon: 123° 1.60' W
 Bottom
 Lat: 48° 46.34' N
 Lon: 123° 1.66' W
 Finish
 Lat: 48° 46.19' N
 Lon: 123° 1.91' 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 50 Station: 46 Event #: 13 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | OCT | 2014

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		123	6.5	✓ 125	X	X										
2		124	150	✓ 150	X		X									
3		125	125	✓ 125	XX											
4		126	100	✓ 100	X	XX										
5		127	75	✓ 75	X											
6		128	50	✓ 50	X											
7		129	40	✓ 40	XX											
8		130	30	✓ 30	X	XX										
9		131	20	✓ 20	X			XX								
10		132	10	✓ 10	X			XX								
11		133	5	✓ 5	X											
12		134	8fe	✓ 1	X	X		XX								
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetiRos | X-Niskin
 Watchkeeper(s):
SH Met RL

Bottom Depth: 170 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>07:16</u>	:
Bottom (BO)	<u>07:24</u>	:
End (EN)	<u>07:33</u>	:

Positional Information
 Start
 Lat: 43° 51.394 N
 Lon: 123° 10.920 W

Bottom
 Lat: 43° 51.350 N
 Lon: 123° 10.920 W

Finish
 Lat: 43° 51.326 N
 Lon: 123° 10.736 W

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

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-50

Station: 42

Event #: 14

Vessel: Vector

UTC Date (dd|mmm|yyyy): 28 | Oct | 2014

[illegible]

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
84/met/nc

Bottom Depth: 317 m

Transmisso Cleaned: ☒ Y / NFluorometer Cleaned: ☒ Y / ☐ N

<i>Time</i>	<i>UTC</i>	<i>Local</i>
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Start (BE)	09 : 15	:
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Bottom (BO)	09 : 24	:
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End (EN)	09 : 40	:
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Positional Information

Lat: 49° 1' 80"

Lon: 123 26.309

Start

Lat: 49° 1.823

Lon: 123° 26.315' W

Bottom

Lat: 49° 1.888

Lon: 123° 26.261 W

Einisch	
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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: 2014-50

Station: 39

Event #: 18

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 28 | 10 | 14

Bottles & Samples		Rosette Operation			Samples Taken (✓ write sampler's initials under each sample type)														Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a											
1		151	8-5	✓ 370	x	x													
2		152	350	✓ 349	x	x	x												
3		153	300	✓ 300	xx	x													
4		154	250	✓ 250	x	xx													
5		155	200	✓ 199	x	x													
6		156	175	✓ 174	x	x													
7		157	150	✓ 149	x	x													
8		158	125	✓ 124	x	x													
9		159	100	✓ 100	x	x													
10		160	75	✓ 75	x	x													
11		161	50	✓ 50	x	xx													
12		162	40	✓ 40	xx	x													
13		163	30	✓ 30	x	x													
14		164	20	✓ 20	x	x		xx											
15		165	10	✓ 10	x	x		xx											
16		166	5	✓ 5	x	x													
17		167	0	✓ 1	x	x		xx											tripped / no data
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SM/M61/LC

Bottom Depth: 376 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>14:38</u>	:
Bottom (BO)	<u>14:38</u>	:
End (EN)	<u>14:38</u>	:

Positional Information

Lat:	<u>49° 9' 872</u>	N
Lon:	<u>123° 33' 065</u>	W

Start

Lat:	<u>49° 9' 977</u>	N
Lon:	<u>123° 33' 085</u>	W

Bottom

Lat:	<u>49° 10' 044</u>	N
Lon:	<u>123° 33' 047</u>	W

Finish

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

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-50 Station: 16 Event #: 27 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | Oct | 2014

[illegible]

Profile type:		
Ros (default)	TrMetlRos	X-Niskin
Watchkeeper(s):		
Sofmet M		

Bottom Depth: 156 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

<i>Time</i>	<i>UTC</i>	<i>Local</i>
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Start (BE)	15:36	:
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Bottom (BO)	1542	:
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End (EN)	15:54	:
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Positional Information

Lat: 49° 57.679 N

Lon: 125° 03.783 W

Start

Bottom

Lat: 49° 57.679 N

Lon: 125° 9' .772 W

Finish

Lat: 49° 57.682' N

Lon: 125° 8' . 792 W

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

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-50 Station: 14 Event #: 28 Vessel: VECR02 UTC Date (dd|mmm|yyyy): 29 | 10 | 14

[illegible]

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
sa / mo / re

Bottom Depth: 316 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

<i>Time</i>	<i>UTC</i>	<i>Local</i>
Start (BE)	16 : 47	:
Bottom (BO)	16 : 56	:
End (EN)	18 : 10	:

Positional Information

Lat:	49° 53.033
Lon:	124° 59.592

404

Lat: 49° 53' 018"

Lon: 124° 59' 590"

Bottle #033

Lat:	49	°	53	.020
Lon:	124	°	59	.597

111

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: 2014-50 Station: 12 Event #: 31 Vessel: Vector UTC Date (dd|mmm|yyyy): 29 | Oct | 2014

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		194	B-5	✓ 352	↓	↓			X							
2		195	300	✓ 300	↓	↓	X									
3		196	250	✓ 250	↓	↓			X							
4		197	200	✓ 200	↓	↓			X							Drop in DO seen in profile
5		198	175	✓ 175	↓	xx										once in fluorescence
6		199	150	✓ 150	xx	↓			xx							
7		200	125	✓ 125	↓	↓			X							
8		201	100	✓ 100	↓	↓			X							DO continues to be lower than in downcast
9		202	75	✓ 75	↓	↓			X							
10		203	50	✓ 50	↓	↓			xx							
11		204	40	✓ 40	↓	xx										
12		205	30	✓ 30	xx	↓			X							
13		206	20	✓ 20	↓	↓		xx	X							
14		207	10	✓ 10	↓	↓		xx	X							
15		208	5	✓ 5	↓	↓			X							
16		209	0	✓ 0.2	↓	↓		xx	X							
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetiRos | X-Niskin
 Watchkeeper(s):
PC/SR

Bottom Depth: 356 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>19 : 52</u>	:
Bottom (BO)	<u>20 : 02</u>	:
End (EN)	<u>: 21</u>	:

Positional Information

Lat:	<u>49 ° 43 . 592</u>	N
Lon:	<u>124 ° 40 . 864</u>	W

Start

▼

Lat:	<u>49 ° 43 . 632</u>	N
Lon:	<u>124 ° 40 . 902</u>	W

Bottom

▼

Lat:	<u>49 ° 43 . 63</u>	N
Lon:	<u>124 ° 40 . 88</u>	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 50 Station: 9 Event #: 32 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | OCT | 2014

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		210	6-5	✓ 163		X										
2		211	150	✓ 150		1	X									
3		212	125	✓ 125		XX										
4		213	100	✓ 100		1										
5		214	75	✓ 75		1										
6		215	50	✓ 50		1										
7		216	40	✓ 40		1										
8		217	30	✓ 30		XX										
9		218	20	✓ 20		1		XX								
10		219	10	✓ 10		1		XX								
11		220	5	✓ 5		1										
12		221	stc	✓ 0.5		X		XX								
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

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

Time	UTC	Local
Start (BE)	21 : 32	14 : 32
Bottom (BO)	21 : 37	14 : 37
End (EN)	21 : 50	14 : 50

Positional Information

Lat:	49 ° 35 . 45	N
Lon:	124 ° 38 . 33	W

Start

Bottom

Finish

Lat:	49 ° 35 . 45	N
Lon:	124 ° 38 . 34	W

Lat:	49 ° 35 . 43	N
Lon:	124 ° 38 . 25	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: 201450 Station: 6 Event #: 33 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | OCT | 2014

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		222	6-5	✓ 185	X	X										
2		223	175	✓ 175			X									
3		224	150	✓ 150		XX										
4		225	125	✓ 125												
5		226	100	✓ 100	XX											
6		227	75	✓ 75												
7		228	50	✓ 50	XX											
8		229	40	✓ 40												
9		230	30	✓ 30		XX										
10		231	20	✓ 20				XX								
11		232	10	✓ 10				XX								
12		233	5	✓ 5												
13		234	spe	0.2	X	X		XX								
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
KS FL

Bottom Depth: _____ m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 22:50 15:50
 Bottom (BO) 22:55 15:55
 End (EN) : :

Positional Information
 Start
 Lat: 49° 30.58 N
 Lon: 124° 27.82 W
 Bottom
 Lat: 49° 30.58 N
 Lon: 124° 27.82 W
 Finish
 Lat: 49° . 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: 2014-50 Station: BS17 Event #: 34 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | OCT | 2014

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		235	6-5	✓ 53	X	X										
2		236	50	✓ 50			X									
3		237	40	✓ 40												
4		238	30	✓ 30	XX											
5		239	20	✓ 20		XX		XX								
6		240	10	✓ 10				XX								
7		241	5	✓ 5												
8		242	sfc	✓ 0.6	X	X		XX								
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):

Bottom Depth: 58 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>00 : 35</u>	<u>17 : 35</u>
Bottom (BO)	<u>00 : 37</u>	<u>17 : 37</u>
End (EN)	<u>00 : 45</u>	<u>17 : 45</u>

Positional Information

Start	Lat: <u>49</u> ° <u>28</u> . <u>98</u> N
	Lon: <u>124</u> ° <u>46</u> . <u>02</u> W
Bottom	Lat: <u>49</u> ° <u>28</u> . <u>97</u> N
	Lon: <u>124</u> ° <u>46</u> . <u>02</u> W
Finish	Lat: <u>49</u> ° <u>28</u> . <u>97</u> N
	Lon: <u>124</u> ° <u>45</u> . <u>99</u> 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: 12014-50 Station: 3 Event #: 35 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | Oct | 2014

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		243	6-5	✓ 317		X										
2		244	300	✓ 300			X									
3		245	250	✓ 250												
4		246	200	✓ 200												
5		247	175	✓ 175												
6		248	150	✓ 150		XX										
7		249	125	✓ 125												
8		250	100	✓ 100												
9		251	75	✓ 75												
10		252	50	✓ 50												
11		253	40	✓ 40												
12		254	30	✓ 30		XX										
13		255	20	✓ 20				XX								
14		256	10	✓ 10				XX								
15		257	5	✓ 5												
16		258	50e	✓ 0.2		X		XX								
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
PC RS FC

Bottom Depth: 322 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	02:43	19:43
Bottom (BO)	02:51	19:51
End (EN)	03:10	20:10

Positional Information

Lat:	<u>49</u> ° <u>26</u> . <u>62</u> N
Lon:	<u>124</u> ° <u>20</u> . <u>26</u> W

Start

▼

Lat:	<u>49</u> ° <u>26</u> . <u>64</u> N
Lon:	<u>124</u> ° <u>20</u> . <u>27</u> W

Bottom

▼

Lat:	<u>49</u> ° <u>26</u> . <u>66</u> N
Lon:	<u>124</u> ° <u>20</u> . <u>27</u> 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: 2014-50 Station: 2 Event #: 36 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | Oct | 2014

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		259	6.5	✓ 279	X	X											
2		260	250	✓ 250	1	X	X										
3		261	200	✓ 200	1	XX											
4		262	175	✓ 175	XX												
5		263	150	✓ 150	1												
6		264	125	✓ 125	1												
7		265	100	✓ 100	1												
8		266	75	✓ 75	1												
9		267	50	✓ 50		XX											
10		268	40	✓ 40	XX												
11		269	30	✓ 30	1												
12		270	20	✓ 20				XX									
13		271	10	✓ 10				XX									
14		272	5	✓ 5													
15		273	5.0	✓ 0.3	X	X		XX									
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
RL KS PL

Bottom Depth: 282 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>04:13</u>	<u>21:13</u>
Bottom (BO)	<u>04:22</u>	<u>21:22</u>
End (EN)	<u>04:39</u>	<u>21:39</u>

Positional Information

Lat:	<u>49° 24.08</u>	N
Lon:	<u>124° 9.36</u>	W

Start

▼

Lat:	<u>49° 24.03</u>	N
Lon:	<u>124° 9.37</u>	W

Bottom

▼

Lat:	<u>49° 24.03</u>	N
Lon:	<u>124° 9.30</u>	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: 2014-50 Station: 27 Event #: 37 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | Oct | 2014

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	DC	DENS						
1		274	6-5	✓ 389	X	X			X	X						
2		275	300	✓ 300			X		X	XX						
3		276	250	✓ 250					X	X						
4		277	200	✓ 200					X	X						
5		278	175	✓ 175	XX											
6		279	150	✓ 150		XX			XX	X						
7		280	125	✓ 125												
8		281	100	✓ 100												
9		282	75	✓ 75												
10		283	50	✓ 50												
11		284	40	✓ 40	XX											
12		285	30	✓ 30		XX			XX							
13		286	20	✓ 20				XX								
14		287	10	✓ 10				XX								
15		288	5	✓ 5						XX						
16		289	sf	✓ 0.6	X	X		XX	X	X						
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
R KS FL

Bottom Depth: 341 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06 : 20	23 : 20
Bottom (BO)	06 : 28	23 : 28
End (EN)	06 : 49	23 : 49

Positional Information

Lat:	49 ° 19 . 10	N
Lon:	123 ° 50 . 00	W

Start

▼

Lat:	49 ° 19 . 09	N
Lon:	123 ° 47 . 96	W

Bottom

▼

Lat:	49 ° 19 . 05	N
Lon:	123 ° 47 . 83	W

Finish

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