

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-13 Station: SI Event #: 1 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | Jun | 2013

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														
2		2	75				x											
3		3	50		xx													
4		4	40			xx												
5		5	30															
6		6	20					xx										
7		7	10					xx										
8		8	5															
9		9	SPC					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):
PC +SR

Bottom Depth: 171 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	02:02	19:02
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Lat:	48° 39.80	N
Lon:	123° 30.10	W

▼

Lat:	48° 39.80	N
Lon:	123° 30.10	W

▼

Lat:	48° 39.77	N
Lon:	123° 30.10	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
Fired all the bottles for testing purposes.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-13 Station: 59 Event #: 3 Vessel: Vector UTC Date (dd|mmm|yyyy): 28 | JUN | 2013

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		10	Bottom-5	✓	232				x									
2		11	200	✓	200			x										
3		12	175	✓	175	xx												
4		13	150	✓	150		xx		x									
5		14	125	✓	125													
6		15	100	✓	100													
7		16	75	✓	75				x									
8		17	50	✓	50													
9		18	40	✓	40		xx											
10		19	30	✓	30	xx			xx									
11		20	20	✓	20			xx										
12		21	10	✓	10			xx	x									
13		22	5	✓	5													
14		23	surface	✓	2.5			xx	x									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
R K8 MG

Bottom Depth: 233 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	04:53	21:53
Bottom (BO)	04:58	21:58
End (EN)	05:12	22:12

Positional Information

Lat:	48 ° 37 . 82	N
Lon:	123 ° 14 . 58	W

Start

Bottom

Lat:	48 ° 37 . 82	N
Lon:	123 ° 14 . 56	W

Finish

Lat:	48 ° 37 . 92	N
Lon:	123 ° 14 . 54	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: 2013-13 Station: 102 Event #: 8 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | Jun | 2013

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		24	5-5	✓ 253														
2		25	200	✓			x											
3		26	175	✓														
4		27	150	✓	xx													
5		28	125	✓		xx												
6		29	100	✓														
7		30	75	✓														
8		31	50	✓														
9		32	40	✓														
10		33	30	✓	xx													
11		34	20	✓		xx		xx										
12		35	10	✓				xx										
13		36	5	✓														
14		37	0/2	✓				xx										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) | ☐ TrMetIRos | ☐ X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 254 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	15:33	08:33
Bottom (BO)	15:38	:
End (EN)	15:54	:

Positional Information

Lat:	48° 29.99	N
Lon:	124° 43.98	W

▼

Lat:	48° 29.95	N
Lon:	124° 43.96	W

▼

Lat:	48° 29.93	N
Lon:	124° 43.92	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: 2013-13 Station: 75 Event #: 11 Vessel: Vector UTC Date (dd|mmm|yyyy): 28|Jun|2013

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		38	B-5	✓ 220														
2		39	175	✓			X											
3		40	150	✓	XX													
4		41	125	✓		XX												
5		42	100	✓														
6		43	75	✓														
7		44	50	✓														
8		45	40	✓														
9		46	30	✓	XX													
10		47	20	✓				XX										
11		48	10			XX		XX										
12		49	5		↓	↓												
13		50	surf					XX										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 223 m
 Transmisso Cleaned: (Y) N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18:07	11:07
Bottom (BO)	18:11	:
End (EN)	:	:

Positional Information

Start	Lat: <u>48° 28.22</u>	N
	Lon: <u>124° 32.82</u>	W

Bottom

	Lat: <u>48° 28.17</u>	N
	Lon: <u>124° 32.86</u>	W

Finish

	Lat: <u>48° 27.99</u>	N
	Lon: <u>124° 33.08</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: 2013-13 Station: 72 Event #: 14 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | JUN | 2013

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		51	6-5	✓ 183					X									
2		52	175	✓ 175			X											
3		53	150	✓ 150		XX			XX									
4		54	125	✓ 125	XX													
5		55	100	✓ 100														
6		56	75	✓ 75					X									
7		57	50	✓ 50														
8		58	40	✓ 40	XX													
9		59	30	✓ 30		XX			X									
10		60	20	✓ 20				XX										
11		61	10	✓ 10				XX	X									
12		62	5	✓ 5														
13		63	sfc	✓ 2.0				XX	X									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
RUSMATH

Bottom Depth: 186 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:59	14:59
Bottom (BO)	22:04	15:04
End (EN)	:	:

Positional Information

Start

Lat: 48 ° 18.64 N

Lon: 124 ° 3.99 W

Bottom

Lat: 48 ° 18.64 N

Lon: 124 ° 4.00 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: 2013 13 Station: 69 Event #: 17 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | JUN | 2013

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		64	6-5	✓ 174														
2		65	150	✓ 150			x											
3		66	125	✓ 125		xx												
4		67	100	✓ 100	xx													
5		68	75	✓ 75														
6		69	50	✓ 50														
7		70	40	✓ 40														
8		71	30	✓ 30														
9		72	20	✓ 20	xx			xx										
10		73	10	✓ 10		xx		xx										
11		74	5	✓ 5														
12		75	stc	✓ 2.6				xx										
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
RC KS HG

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

Time	UTC	Local
Start (BE)	00 : 58	17 : 58
Bottom (BO)	01 : 02	18 : 02
End (EN)	01 : 14	18 : 14

Positional Information

Lat:	48 ° 15 . 52	N
Lon:	123 ° 43 . 20	W

Start

▼

Lat:	48 ° 15 . 52	N
Lon:	123 ° 43 . 06	W

Bottom

▼

Lat:	48 ° 15 . 50	N
Lon:	123 ° 42 . 81	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: 2013-13 Station: ADCP Event #: 20 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | JUN | 2013

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	6-5	✓ 118														
2		77	100	✓ 100			X											
3		78	75	✓ 75														
4		79	50	✓ 50														
5		80	40	✓ 40	XX													
6		81	30	✓ 30		XX												
7		82	20	✓ 20				XX										
8		83	10	✓ 10				XX										
9		84	5	✓ 5														
10		85	ste	✓ 2.5				XX										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

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

Time	UTC	Local
Start (BE)	03:53	20:53
Bottom (BO)	03:56	20:56
End (EN)	:	:

Positional Information

Start	Lat: 48 ° 14.00 N
	Lon: 123 ° 17.96 W

Bottom

Lat: 48 ° 14.02 N
Lon: 123 ° 17.95 W

Finish

Lat: 48 ° . N
Lon: 123 ° . 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: 201313 Station: 65 Event #: 24 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | Jun | 2013

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		86	6-5	✓	122													
2		87	100	✓	100			X										
3		88	75	✓	75													
4		89	50	✓	50													
5		90	40	✓	40		xx											
6		91	30	✓	30													
7		92	20	✓	20			xx										
8		93	10	✓	10			xx										
9		94	5	✓	5													
10		95	stk	✓	2.3			xx										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
REKSHA SRMA TR

Bottom Depth: 125 m

Transmisso Cleaned: Y N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06:42	23:42
Bottom (BO)	06:45	23:45
End (EN)	:	:

Positional Information

Start

Lat: 48 ° 15 . 88 N

Lon: 123 ° 9 . 81 W

Bottom

Lat: 48 ° 15 . 90 N

Lon: 123 ° 9 . 82 W

Finish

Lat: 48 ° 15 . 92 N

Lon: 123 ° 9 . 88 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: 2013 13 Station: 62 Event #: 27 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | Jun | 2013

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		96	6-5	✓ 145														
2		97	125	✓			X											
3		98	100	✓	xy													
4		99	75	✓		xy												
5		100	50	✓														
6		101	40	✓														
7		102	30		xy													
8		103	20			xx		xx										
9		104	10					xx										
10		105	5															
11		106	SR					xx										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 146 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	09:42	02:42
Bottom (BO)	09:45	:
End (EN)	09:56	:

Positional Information
Start
Lat: 48° 22.80 N
Lon: 123° 2.59 W

Bottom
Lat: 48° 22.79 N
Lon: 123° 2.58 W

Finish
Lat: 48° 22.80 N
Lon: 123° 2.58 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: 2013-13 Station: 56 Event #: 33 Vessel: Vector UTC Date (dd|mmm|yyyy): 29 June 2013

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		107	B-5	✓	204	↓	↓											
2		108	200	✓		↓	X											
3		109	175	✓		↓												
4		110	150	✓		↓												
5		111	125	✓		↓												
6		112	100	✓		XX	↓											
7		113	75	✓		↓	XX											
8		114	50	✓		↓	↓											
9		115	40	✓		↓	↓											
10		116	30	✓		XX	↓											
11		117	20	✓		↓	XX	XX										
12		118	10	✓		↓	↓	XX										
13		119	5	✓		↓	↓											
14		120	surf	✓		↓	↓	XX										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

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

Time	UTC	Local
Start (BE)	16:58	09:58
Bottom (BO)	17:02	:
End (EN)	17:18	:

Positional Information

Lat:	48° 46.43	N
Lon:	123° 1.63	W

Start

▼

Lat:	48° 46.44	N
Lon:	123° 1.62	W

Bottom

▼

Lat:	48° 46.44	N
Lon:	123° 1.61	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: 2013-13 Station: 46 Event #: 40 Vessel: Vector UTC Date (dd|mmm|yyyy): 29 | June | 2013

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		121	8-5	✓	180	/												
2		122	150	✓	150	/	X											
3		123	125	✓	125	/												
4		124	100	✓	100	XX												
5		125	75	✓	75		XX											
6		126	50	✓	50													
7		127	40	✓	40													
8		128	30	✓	30	XX												
9		129	20	✓	20		XX	XX										
10		130	10	✓	10			XX										bottle 10 found tripped
11		131	5	✓	5													- lower valve well sealed
12		132	Surf	✓	0			XX										- no water in bottle
13																		- assume high in air on recovery
14																		- add gap strip to provide more clearance between
15																		Sea cable & bottle line
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
PC/MG/KS

Bottom Depth: 180 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:06	:
Bottom (BO)	22:10	:
End (EN)	22:24	:

Positional Information
Start
Lat: 48° 51.38 N
Lon: 123° 10.85 W

Bottom
Lat: 48° 51.37 N
Lon: 123° 10.87 W

Finish
Lat: 48° 51.28 N
Lon: 123° 10.93 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: 2013 13 Station: 42 Event #: 44 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | Jun | 2013

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		133	6-5	✓	316				X									
2		134	300	✓	300			X										
3		135	250	✓	250				X									
4		136	200	✓	200				X									
5		137	175	✓	175													
6		138	150	✓	150	XX	XX		XX									
7		139	125	✓	125													
8		140	100	✓	100				X									
9		141	75	✓	75				X									
10		142	50	✓	50*				X									
11		143	40	✓	40													
12		144	30	✓	30	XX	XX		X									
13		145	20	✓	20				XX	X								
14		146	10	✓	10				XX	X								
15		147	5	✓	5				X									
16		148	50	✓	1.8				XX	X								
17																		
18																		
19																		
20		142	50	✓	*													fine case of bottle 10 misw
21																		
22																		
23																		
24																		

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

Bottom Depth: 320 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>02:14</u>	<u>19:14</u>
Bottom (BO)	<u>02:22</u>	<u>19:22</u>
End (EN)	<u>02:40</u>	<u>19:40</u>

Positional Information

Lat:	<u>49</u> ° <u>1.77</u>	N
Lon:	<u>123</u> ° <u>26.23</u>	W

Bottom

Lat:	<u>49</u> ° <u>1.73</u>	N
Lon:	<u>123</u> ° <u>26.33</u>	W

Finish

Lat:	<u>49</u> ° <u>1.74</u>	N
Lon:	<u>123</u> ° <u>26.36</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: 2013-13 Station: 39 Event #: 51 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | June | 2013

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		149	6-5	✓ 370														
2		150	350	✓			X											
3		151	300															
4		152	250		xx													
5		153	200			xx												
6		154	175															
7		155	150															
8		156	125															
9		157	100															
10		158	75															
11		159	50															
12		160	40		xx													
13		161	30			xx												
14		162	20					xx										
15		163	10					xx										
16		164	5															
17		165	SPC					xx										
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) | ☐ TrMetIRos | ☐ X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 37 m
Transmisso Cleaned: ☒ / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:29	00:29
Bottom (BO)	07:37	:
End (EN)	07:56	:

Positional Information

Lat:	49 ° 9.83	N
Lon:	123 ° 32.99	W

Start

▼

Lat:	49 ° 9.84	N
Lon:	123 ° 32.97	W

Bottom

▼

Lat:	49 ° 9.86	N
Lon:	123 ° 32.98	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: 2013-13 Station: 27 Event #: 56 Vessel: Vector UTC Date (dd|mmm|yyyy): 30 | Jun | 2013

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		166	10-5		340													
2		167	300					X										
3		168	250			XX												
4		169	200				XX											
5		170	175															
6		171	150															
7		172	125															
8		173	100															
9		174	75															
10		175	50															
11		176	40			XX												
12		177	30				XX											
13		178	20					XX										
14		179	10					XX										
15		180	5															
16		181	surf			✓	✓	XX										
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
SCR

Bottom Depth: 346 m
Transmisso Cleaned: ☒ Y ☐ N
Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	11:24	04:24
Bottom (BO)	11:31	:
End (EN)	11:51	:

Positional Information

Lat:	49° 19.11	N
Lon:	123° 47.98	W

Start

▼

Lat:	49° 19.11	N
Lon:	123° 47.98	W

Bottom

▼

Lat:	49° 19.06	N
Lon:	123° 47.95	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: 2013-13 Station: 2 Event #: 60 Vessel: Vector UTC Date (dd|mmm|yyyy): 30 | Jun | 2013

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		182	B-5	✓ 272														
2		183	250	✓			X											
3		184	200	✓		XX												
4		185	175	✓	XX													
5		186	150	✓														
6		187	125	✓														
7		188	100	✓														
8		189	75	✓														
9		190	50	✓														
10		191	40	✓	XX													
11		192	30	✓		XX												
12		193	20	✓				XX										
13		194	10	✓				XX										
14		195	5	✓				XX										
15		196	surf	✓	↓	↓												
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 276 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:33	08:33
Bottom (BO)	15:39	:
End (EN)	15:58	:

Positional Information

Lat:	49° 24.09	N
Lon:	124° 9.29	W

Bottom

Lat:	49° 24.11	N
Lon:	124° 9.32	W

Finish

Lat:	49° 24.16	N
Lon:	124° 9.34	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: 2013-13 Station: 3 Event #: 65 Vessel: Vector UTC Date (dd|mmm|yyyy): 30 | June | 2013

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		197	8-5	✓	319													
2		198	300	✓	300			X										
3		199	250	✓	250													
4		200	200	✓	200		XX											
5		201	175	✓	175													
6		202	150	✓	150													
7		203	125	✓	125													
8		204	100	✓	100													
9		205	75	✓	75													
10		206	50	✓	50													
11		207	40	✓	40													
12		208	30	✓	30			XX										
13		209	20	✓	20				XX									
14		210	10	✓	10				XX									
15		211	5	✓	5													
16		212	surf	✓	1.8				XX									
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 325 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19 : 12	12 : 12
Bottom (BO)	19 : 18	12 : 18
End (EN)	19 : 34	12 : 34

Positional Information

Lat:	49 ° 26 . 59	N
Lon:	124 ° 20 . 23	W

Start

▼

Lat:	49 ° 26 . 59	N
Lon:	124 ° 20 . 25	W

Bottom

▼

Lat:	49 ° 20 . 60	N
Lon:	124 ° 20 . 32	W

Finish

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-13 Station: 6 Event #: 69 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | Jun | 2013

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		213	6-5	✓	190														
2		214	175	✓	175			X											
3		215	150	✓	150		XX												
4		216	125	✓	125	XX													
5		217	100	✓	100														
6		218	75	✓	75														
7		219	50	✓	50														
8		220	40	✓	40														
9		221	30	✓	30		XX												
10		222	20	✓	19	XX		XX											
11		223	10	✓	10			XX											
12		224	5	✓	5														
13		225	SPC	✓	2.2			XX											
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Watchkeeper(s):
PC MC KS

Bottom Depth: 193 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21 : 59	14 : 59
Bottom (BO)	22 : 02	15 : 02
End (EN)	22 : 15	15 : 15

Positional Information

Start

Lat: 49 ° 30 . 66 N

Lon: 124 ° 27 . 74 W

Bottom

Lat: 49 ° 30 . 66 N

Lon: 124 ° 27 . 74 W

Finish

Lat: 49 ° 30 . 65 N

Lon: 124 ° 27 . 78 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: 2013-13 Station: 9 Event #: 72 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | JUL | 2013

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		226	6-5	✓	164														
2		227	150	✓	150			X											
3		228	125	✓	125														
4		229	100	✓	100		XX												
5		230	75	✓	75														
6		231	50	✓	50														
7		232	40	✓	40														
8		233	30	✓	30														
9		234	20	✓	20			XX											
10		235	10	✓	10		XX	XX											
11		236	5	✓	5														
12		237	spe	✓	2.1			XX											
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 168 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00 : 41	17 : 41
Bottom (BO)	00 : 45	17 : 45
End (EN)	00 : 57	17 : 57

Positional Information

Lat:	49 ° 35.48	N
Lon:	124 ° 38.29	W

Start

▼

Lat:	49 ° 35.46	N
Lon:	124 ° 38.29	W

Bottom

▼

Lat:	49 ° 35.89	N
Lon:	124 ° 38.30	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: 2013-13 Station: 12 Event #: 77 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | JUL | 2013

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									
1		238	6-5	✓ 351					xx									
2		239	300	✓ 300			x											
3		240	250	✓ 250					x									
4		241	200	✓ 200	xx				xx									
5		242	175	✓ 175		xx												
6		243	150	✓ 150					xx									
7		244	125	✓ 125														
8		245	100	✓ 100					x									
9		246	75	✓ 75					x									
10		247	50	✓ 50	xx				xx									
11		248	40	✓ 40		xx												
12		249	30	✓ 30					xx									
13		250	20	✓ 20				xx	x									
14		251	10	✓ 10				xx	xx									
15		252	5	✓ 5					x									
16		253	stc	✓ 2.0				xx	xx									
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 355 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	03:31	20:31
Bottom (BO)	03:40	20:40
End (EN)	03:59	20:59

Positional Information

Lat:	49° 43.59	N
Lon:	124° 40.80	W

Start

Bottom

Lat:	49° 43.59	N
Lon:	124° 40.81	W

Finish

Lat:	49° 43.62	N
Lon:	124° 40.90	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: 2013-13 Station: 14 Event #: 79 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | JUL | 2013

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		254	5-5	✓	312														
2		255	250	✓	250			X											
3		256	200	✓	200														
4		257	175	✓	175		XX												
5		258	150	✓	150	XX													
6		259	125	✓	125														
7		260	100	✓	100														
8		261	75	✓	75														
9		262	50	✓	50														
10		263	40	✓	40		XX												
11		264	30	✓	30	XX													
12		265	20	✓	20			XX											
13		266	10	✓	10			XX											
14		267	5	✓	5														
15		268	sf	✓	1.8			XX											
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

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

Time	UTC	Local
Start (BE)	06:07	23:07
Bottom (BO)	06:14	23:14
End (EN)	:	:

Positional Information

Lat:	49° 53.02	N
Lon:	124° 59.61	W

Start
Bottom
Finish

Lat: 49° 52.99 N
Lon: 124° 59.56 W

Lat: 49° 52.97 N
Lon: 124° 59.50 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: 2013-13 Station: 16 Event #: 81 Vessel: Vector UTC Date (dd|mmm|yyyy): 01|Jul|2013

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		269	B-5	✓ 153	↓	↓												
2		270	125	✓	↓	↓	X											
3		271	100	✓	↓	↓												
4		272	75	✓	↓	↓												
5		273	50	✓	↓	↓												
6		274	40	✓	↓	XX												
7		275	30	✓	XX	↓												
8		276	20	✓	↓	↓		XX										
9		277	10	✓	↓	↓		XX										
10		278	5	✓	↓	↓												
11		279	Surf	✓	↓	↓		XX										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetIRos ☐ X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 158 m
Transmisso Cleaned: ☒ Y ☐ N
Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	08:10	01:10
Bottom (BO)	08:14	:
End (EN)	08:	:

Positional Information
Start
Lat: 49° 57.67 N
Lon: 125° 8.82 W

Bottom
Lat: 49° 57.66 N
Lon: 125° 8.82 W

Finish
Lat: 49° 57.66 N
Lon: 125° 8.82 W

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