

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2015-19 Station: S1 Event #: 1 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30|Sept|2015

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	APC	DIC						
1		1	100	/	x	x	x			x						
2		2	75	/												
3		3	50	/												
4		4	40	/		xx										
5		5	30	/	xx											
6		6	20	/				xx								
7		7	10					xx								
8		8	5													
9		9	stc		x	x		xx	xx							flu ≈ 4.5
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

PC

Bottom Depth: 181 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00:54	17:54
Bottom (BO)	00:57	:
End (EN)	01:07	:

Positional Information
Start
Lat: 48° 39.17 N
Lon: 123° 30.69 W

Bottom
Lat: 48° 39.18 N
Lon: 123° 30.69 W

Finish
Lat: 48° 39.22 N
Lon: 123° 30.66 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: 2015-19 Station: 59 Event #: 2 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | SEP | 2015

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	hplc	phlo	dic							
1		10	6-5	✓ 225	X	X					X							
2		11	200	✓ 200			X				X							
3		12	175	✓ 175														
4		13	150	✓ 150		XX					X							
5		14	125	✓ 125														
6		15	100	✓ 100	XY						XX							
7		16	75	✓ 75							X							
8		17	50	✓ 50		XX					X							
9		18	40	✓ 40		<u>XX</u>												missed net #9
10		19	30	✓ 30	XX						XX							
11		20	20	✓ 20				XX			X							
12		21	10	✓ 10				XX			X							
13		22	5	✓ 5							X							
14		23	SPC	✓ 2.5	X	X		XX	XX	X	X							Q = 0.8
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
RSP TF

Bottom Depth: 230 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	04:23	21:23
Bottom (BO)	04:28	21:28
End (EN)	04:43	21:43

Positional Information

Start

Lat: 48 ° 37.793 N

Lon: 123 ° 14.587 W

Bottom

Lat: 48 ° 37.637 N

Lon: 123 ° 14.518 W

Finish

Lat: 48 ° 37.158 N

Lon: 123 ° 14.552 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: 2015-19 Station: 60 Event #: 5 Vessel: VECTOR UTC Date (dd/mmm/yyyy): 30 Sep 2015

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	phyto							
1		24	SPC						X							forgot to take 059
2																
3																
4																
5																
6																
7																
8																
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):
R & TF

Bottom Depth: 291 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	05:32	22:32
Bottom (BO)	05:39	22:39
End (EN)	05:45	22:45

Positional Information

Start

Lat: 48° 33.888 N

Lon: 123° 12.788 W

▼

Bottom

Lat: 48° 33.624 N

Lon: 123° 12.678 W

▼

Finish

Lat: 48° 33.488 N

Lon: 123° 12.618 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: 2015-19 Station: 102 Event #: 9 Vessel: VECTOR UTC Date (dd/mmm/yyyy): 30 Sep 2015

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	APC	PAR						
1		25	65	✓ 252	X	X										
2		26	200	✓			X									
3		27	175	✓												
4		28	150	✓	XX											
5		29	125	✓												
6		30	100	✓		XX										
7		31	75	✓												
8		32	50	✓												
9		33	40	✓		XX										
10		34	30	✓	XX											
11		35	20	✓				XX								
12		36	10	✓ 11				XX								
13		37	5	✓												
14		38	stc	✓	X	X		XX	XX	X						Flu ≈ 3.6
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

Bottom Depth: 254 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:52	08:52
Bottom (BO)	15:58	:
End (EN)	16:15	:

Positional Information
Start
Lat: 48°30.01 N
Lon: 124°44.07 W

Bottom
Lat: 48°30.01 N
Lon: 124°44.06 W

Finish
Lat: 48°30.02 N
Lon: 124°44.07 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: 2015-19 Station: 75 Event #: 12 Vessel: Vector UTC Date (dd|mmm|yyyy): 30 | Sept | 2015

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		39	6-5	✓ 218	XX	X										
2		40	200	✓ 201	X	X	X									
3		41	175	✓		XX										
4		42	150	✓		X										
5		43	125	✓												
6		44	100	✓ 102												
7		45	75	✓												
8		46	50	✓ 52												
9		47	40	✓ 40												
10		48	30	✓ 30	XX											
11		49	20	✓ 20				XX								
12		50	10	✓ 10				XX								
13		51	5	✓ 5		XX										
14		52	surf	✓ 2		X		XX	XX						fl 1.5	
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

Watchkeeper(s):
SR+PC

Bottom Depth: 222 m

Transmisso Cleaned: Y N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18:33	11:33
Bottom (BO)	18:37	11:37
End (EN)	18:55	11:55

Positional Information

Start

Lat: 48° 28.27 N

Lon: 124° 32.79 W

Bottom

Lat: 48° 28.28 N

Lon: 124° 32.80 W

Finish

Lat: 48° 28.249 N

Lon: 124° 32.808 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: 2015-19 Station: 72 Event #: 15 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | SEP | 2015

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	1000	1000	1000	1000	1000	1000	1000	1000
1		53	6-5	✓	183	X	X					X	XX			
2		54	175	✓	175	1	1	X								
3		55	150	✓	151	1	1					XX	XX			
4		56	125	✓	125	XY										
5		57	100	✓	100	1	XY					X	XX			
6		58	75	✓	75	1	1					X	XX			
7		59	50	✓	50	1	1					X	XX			
8		60	40	✓	40	XY										
9		61	30	✓	30	1	XY					XX	XX			
10		62	20	✓	20	1	1	XX				X	XX			
11		63	10	✓	10	1	1	XX				X	XX			
12		64	5	✓	5	1	1					X	XX			
13		65	sfc	✓	1.6	X	X	XX	XX	X	X	XX	XX			
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

Watchkeeper(s):
R SR TF

Bottom Depth: 186 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

22 :46

15 :46

Bottom (BO)

22 :50

15 :50

End (EN)

:

:

Positional Information

Start

Lat: 48 ° 18 .560 N

Lon: 124 ° 4 .000 W

Bottom

Lat: 48 ° 18 .554 N

Lon: 124 ° 3 .996 W

Finish

Lat: 48 ° 18 .512 N

Lon: 124 ° 3 .925 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: 2015-19 Station: 69 Event #: 18 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | OCT | 2015

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		66	6.5	✓	175	X	X											
2		67	150	✓	150			X										
3		68	125	✓	125		XX											
4		69	100	✓	100	XX												
5		70	75	✓	75													
6		71	50	✓	50													
7		72	40	✓	40													
8		73	30	✓	30	XX												
9		74	20	✓	20		XX		XX									
10		75	10	✓	10				XX									
11		76	5	✓	5													
12		77	8ft	✓	2.4	X	X		XX	XX								Pl = 1
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
R SL VF

Bottom Depth: 179 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	02 : 30	19 : 30
Bottom (BO)	02 : 34	19 : 34
End (EN)	02 : 46	19 : 46

Positional Information

Start

Lat: 48 ° 15 . 626 N

Lon: 123 ° 43 . 249 W

Bottom

Lat: 48 ° 15 . 640 N

Lon: 123 ° 43 . 298 W

Finish

Lat: 48 ° 15 . 643 N

Lon: 123 ° 43 . 452 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: 2015-19 Station: ADCP Event #: 21 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | OCT | 2015

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	49C	pyto								
1		78	6-5	✓	113	X	X											
2		79	100	✓	100	1	X	X										
3		80	75	✓	75	1	XX											
4		81	50	✓	50	1												
5		82	40	✓	40	XX												
6		83	30	✓	30	1												
7		84	20	✓	20	1		XX										
8		85	10	✓	10	1		XX										
9		86	5	✓	5	1												
10		87	ste	✓	2.6	X	X	XX	XX	X								
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 TF

Bottom Depth: 117 m

Transmisso Cleaned: Y N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06 : 38	23 : 38
Bottom (BO)	06 : 41	23 : 41
End (EN)	:	:

Positional Information

Start

Lat: 48 ° 14 . 047 N

Lon: 123 ° 17 . 999 W

Bottom

Lat: 48 ° 14 . 080 N

Lon: 123 ° 18 . 126 W

Finish

Lat: 48 ° 14 . 114 N

Lon: 123 ° 18 . 239 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: 2015-19 Station: 65 Event #: 25 Vessel: Vector UTC Date (dd/mmm/yyyy): 01 Sept 2015

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	HPLC	Phyto									
1		88	6-5	✓ 123		↓													
2		89	100				X												
3		90	75			↓													
4		91	50																
5		92	40			XX													
6		93	30			↓													
7		94	20					XX											
8		95	10					XX											
9		96	5			↓													
10		97	Surf					XX	XX	X									flu ≈ 0.7
11																			
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: 125 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

09:59

02:59

Bottom (BO)

10:02

:

End (EN)

10:12

:

Positional Information

Lat: 48° 15.83 N

Lon: 123° 9.79 W

▼

Lat: 48° 15.82 N

Lon: 123° 9.78 W

▼

Lat: 48° 15.82 N

Lon: 123° 9.77 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: 2015-19 Station: 63 Event #: 28 Vessel: Vector UTC Date (dd/mmm/yyyy): 01 Sept 2015

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	HPLC	Phydo								
1		98	6-5	✓ 129														
2		99	125	✓			X											
3		100	100	✓		XX												
4		101	75	✓														
5		102	50	✓ 51														
6		103	40	✓														
7		104	30	✓	XX													
8		105	20	✓				XX										
9		106	10	✓				XX										
10		107	5	✓														
11		108	SWIF	✓	↓	↓		XX	XX	X								fluor 0.6
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: 129 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	11:56	04:56
Bottom (BO)	11:59	:
End (EN)	12:12	:

Positional Information

Start

Lat: 48° 13.84 N

Lon: 122° 58.49 W

Bottom

Lat: 48° 13.85 N

Lon: 122° 58.47 W

Finish

Lat: 48° 13.85 N

Lon: 122° 58.47 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: 2015-19 Station: 62 Event #: 29 Vessel: Vector UTC Date (dd|mmm|yyyy): 01 | Sept | 2015

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	MPLC									
1		109	6-5	✓	146													
2		110	125	✓	123			X										
3		111	100	✓	101	XX												
4		112	75	✓														
5		113	50	✓	49													
6		114	40	✓		XX												
7		115	30															
8		116	20					XX										
9		117	10					XX										
10		118	5															
11		119	surf			↓	↓	XX	XX									flu ≈ 0.6
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: 149 m

Transmisso Cleaned: ☒ Y ☐ N

Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	13:35	06:35
Bottom (BO)	13:38	:
End (EN)	13:52	:

Positional Information

Start

Lat: 48 ° 22.84 N

Lon: 123 ° 2.65 W

Bottom

Lat: 48 ° 22.85 N

Lon: 123 ° 2.64 W

Finish

Lat: 48 ° 22.84 N

Lon: 123 ° 2.51 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: 2015-19 Station: 56 Event #: 34 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 01 | OCT | 2015

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	HPIC	Phyts								
1		120	6-5	✓ 210														
2		121	200	✓ 200			x											
3		122	175	✓ 175		xx												
4		123	150	✓ 150	xx													
5		124	125	✓ 125														
6		125	100	✓ 100														
7		126	75	✓ 75														
8		127	50	✓ 50														
9		128	40	✓ 40														
10		129	30	✓ 30	xx													
11		130	20	✓ 20		xx		xx										
12		131	10	✓ 10				xx										
13		132	5	✓ 5	↓	↓												
14		133	SWIF	✓ 2.3	↓	↓		xx	xx	x								
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
PC SR TF

Bottom Depth: 212 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21 : 23	14 : 23
Bottom (BO)	21 : 28	14 : 28
End (EN)	21 : 46	14 : 46

Positional Information

Start

Lat: 48 ° 46 . 386 N

Lon: 123 ° 1 . 578 W

Bottom

Lat: 48 ° 46 . 309 N

Lon: 123 ° 1 . 673 W

Finish

Lat: 48 ° 46 . 144 N

Lon: 123 ° 1 . 674 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: 2015-19 Station: 46 Event #: 42 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 02 | OCT | 2015

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		134	6-5	✓	179	X	X											
2		135	150	✓	150			X										
3		136	125	✓	125													
4		137	100	✓	100	XX												
5		138	75	✓	75		XX											
6		139	50	✓	50													
7		140	40	✓	40													
8		141	30	✓	30		XX											
9		142	20	✓	20	XX		XX										
10		143	10	✓	10			XX										
11		144	5	✓	5													
12		145	SPC	✓	2.6	X	X	XX	XX									
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
R SR TF

Bottom Depth: 182 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	03 :39	20 :39
Bottom (BO)	03 :47	20 :42
End (EN)	03 :55	20 :55

Positional Information

Lat: 48 ° 51 . 313 N

Lon: 123 ° 10 . 740 W

Bottom

Lat: 48 ° 51 . 307 N

Lon: 123 ° 10 . 726 W

Finish

Lat: 48 ° 51 . 298 N

Lon: 123 ° 10 . 564 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: 2015-19 Station: 42 Event #: 47 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 02 | Sept | 2015

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	hplc	phglo	DOC							
1		146	6-5	✓ 314	X	X					X							
2		147	300	✓			X											
3		148	250	✓							X							
4		149	200	✓							X							
5		150	175	✓	XX													
6		151	150	✓		XX					X							
7		152	125	✓							XX							
8		153	100	✓							X							
9		154	75	✓	XX						X							
10		155	50	✓							X							
11		156	40	✓		XX					X							
12		157	30	✓							X							
13		158	20	✓				XX			XX							
14		159	10	✓				XX			X							
15		160	5	✓							X							
16		161	Sfc	✓	X	X		XX	XX	X	X							Flu ≈ 3.2
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:

Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

SR

Bottom Depth: 319 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

08:09

01:09

Bottom (BO)

08:16

:

End (EN)

08:36

:

Positional Information

Lat: 49 ° 1 . 79 N

Lon: 123 ° 26 . 06 W

Start

Bottom

Lat: 49 ° 1 . 79 N

Lon: 123 ° 26 . 04 W

Finish

Lat: 49 ° 1 . 79 N

Lon: 123 ° 26 . 05 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: 2015-19 Station: 39 Event #: 53 Vessel: Vector UTC Date (dd/mmm/yyyy): 02 Sept 2015

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	HPLC									
1		162	6-5	✓	374													
2		163	350	✓			X											
3		164	300	✓														
4		165	250	✓														
5		166	200	✓		XX												
6		167	175	✓														
7		168	150	✓		XX												
8		169	125	✓														
9		170	100	✓														
10		171	75	✓														
11		172	50	✓														
12		173	40	✓														
13		174	30	✓		XX												
14		175	20	✓		XX		XX										
15		176	10	✓				XX										
16		177	5	✓														
17		178	surf	✓		✓	✓	XX	XX									
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 379 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	13 :32	06 :32
Bottom (BO)	13 :40	:
End (EN)	14 :00	:

Positional Information
Start
Lat: 49° 9.79 N
Lon: 123° 33.10 W

Bottom
Lat: 49° 9.86 N
Lon: 123° 33.13 W

Finish
Lat: 49° 10.10 N
Lon: 123° 33.12 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: 2015-19 Station: 27 Event #: 57 Vessel: Vector UTC Date (dd|mmm|yyyy): 02 | Sept | 2015

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	HPLC	Phyto	DIC							
1		179	6-5	✓ 345			.				X							
2		180	300	✓			X				X							
3		181	250	✓							XX							
4		182	200	✓		XX					X							
5		183	175	✓	XX						X							
6		184	150	✓														
7		185	125	✓														
8		186	100	✓														
9		187	75	✓														
10		188	50	✓							XX							
11		189	40	✓		XX												
12		190	30	✓	XX													
13		191	20	✓				XX										
14		192	10	✓				XX										
15		193	5	✓														
16		194	surf		✓	✓		XX	XX	X								16 wasn't tripped Fluor 5.0 SR
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):

SR

Bottom Depth: 349 m

Transmisso Cleaned: ☒ Y | ☐ N

Fluorometer Cleaned: ☐ Y | ☐ N

Time	UTC	Local
Start (BE)	17:28	10:28
Bottom (BO)	17:35	:
End (EN)	:	:

Positional Information

Start

Lat: 49° 19.13 N

Lon: 123° 47.94 W

▼

Bottom

Lat: 49° 19.13 N

Lon: 123° 47.92 W

▼

Finish

Lat: 49° 19.12 N

Lon: 123° 47.91 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: 2015-19 Station: 16 Event #: 67 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 03 | OCT | 2015

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	hplc									
1		195	6-5	✓	149	X	X											
2		196	125	✓	125	1	1	X										
3		197	100	✓	100	1	XX											
4		198	75	✓	75	XX												
5		199	50	✓	50	1	1											
6		200	40	✓	40	1	1											
7		201	30	✓	30	1	XX											
8		202	20	✓	20	XX	1		XX									
9		203	10	✓	10	1	1		XX									
10		204	5	✓	5	1	1											
11		205	SPC	✓	2.4	X	X		XX	XX								
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SR TF

Bottom Depth: 146 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	05 : 08	22 : 08
Bottom (BO)	05 : 12	22 : 12
End (EN)	05 : 23	22 : 23

Positional Information

Start

Lat: 49 ° 57 . 778 N

Lon: 125 ° 8 . 714 W

Bottom

Lat: 49 ° 57 . 750 N

Lon: 125 ° 8 . 724 W

Finish

Lat: 49 ° 57 . 730 N

Lon: 125 ° 8 . 682 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: 2015-19 Station: 14 Event #: 70 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 03 | Sept | 2015

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		206	6.5	✓ 311	X	X			hplc	phg								
2		207	250				X											
3		208	200															
4		209	175			XX												
5		210	150															
6		211	125		XX													
7		212	100															
8		213	75															
9		214	50															
10		215	40		XX													
11		216	30			XX												
12		217	20					XX										
13		218	10					XX										
14		219	5															
15		220	sfc		X	X		XX	XX	X								
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SR

Bottom Depth: 315 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:21	00:21
Bottom (BO)	07:27	:
End (EN)	07:45	:

Positional Information

Lat: 49° 53.14 N

Lon: 124° 59.81 W

Bottom

Lat: 49° 53.16 N

Lon: 124° 59.81 W

Finish

Lat: 49° 53.21 N

Lon: 124° 59.88 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: 2015-19 Station: 12 Event #: 75 Vessel: Vector UTC Date (dd/mmm/yyyy): 03 Sept 2015

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	HPLC	Ampho	DIC							
1		221	0-5	✓350	x	x					x							
2		222	300				x											
3		223	250								x							
4		224	200								x							
5		225	175			xx												
6		226	150			x					xx							
7		227	125		xx						x							
8		228	100		y						x							
9		229	75								x							
10		230	50								xx							
11		231	40		xx													
12		232	30		x	xy												
13		233	20			y		xx										
14		234	10					xx										
15		235	5															
16		236	Surf		↓	↓		xx	xx	x	↓							
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):

SR

Bottom Depth: 355 m

Transmisso Cleaned: ☒ Y ☐ N

Fluorometer Cleaned: Y ☐ / ☐ N

Time	UTC	Local
Start (BE)	11:33	04:33
Bottom (BO)	11:41	:
End (EN)	12:00	:

Positional Information

Start

Lat: 49° 43.61 N

Lon: 124° 40.85 W

Bottom

Lat: 49° 43.63 N

Lon: 124° 40.83 W

Finish

Lat: 49° 43.67 N

Lon: 124° 40.88 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: 2015-19 Station: 9 Event #: 77 Vessel: Vector UTC Date (dd|mmm|yyyy): 03 | Sept | 2015

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	#PLC									
1		237	6-5															
2		238	150				X											
3		239	125															
4		240	100			XX												
5		241	75															
6		242	50															
7		243	40															
8		244	30															
9		245	20			XX		XX										
10		246	10					XX										
11		247	5															
12		248	Surf			↓		XX	XX									
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SR

Bottom Depth: 170 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	13:46	:
Bottom (BO)	13:49	:
End (EN)	14:03	:

Positional Information

Start
Lat: 49 ° 35.55 N
Lon: 124 ° 38.23 W

▼

Bottom
Lat: 49 ° 35.55 N
Lon: 124 ° 38.25 W

▼

Finish
Lat: 49 ° 35.50 N
Lon: 124 ° 38.45 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: Station: 6 Event #: 79 Vessel: Vector UTC Date (dd|mmm|yyyy): 03|Sept|2015

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	HP/LC									
1		249	6-5	✓ 191														
2		250	175	✓			X											
3		251	150	✓	XX													
4		252	125	✓		XX												
5		253	100	✓														
6		254	75	✓														
7		255	50	✓ 50														
8		256	40	✓ 40														
9		257	30	✓	XX													
10		258	20			XX		XX										
11		259	10					XX										
12		260	5		↓	↓												
13		261	surf					XX	XX									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

SR

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

Time	UTC	Local
Start (BE)	15:56	08:56
Bottom (BO)	15:59	:
End (EN)	16:15	:

Positional Information
Start
Lat: 49° 30.60 N
Lon: 124° 27.80 W

Bottom
Lat: 49° 30.59 N
Lon: 124° 27.81 W

Finish
Lat: 49° 30.60 N
Lon: 124° 27.88 W

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