

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2015-18 Station: SI Event #: 1 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 25 | Jul | 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		1	125	✓ 125	X	X	X											
2		2	100	✓ 100														
3		3	75	✓ 75														
4		4	50	✓ 50														
5		5	40	✓ 40	XX													
6		6	30	✓ 30		XX												
7		7	20	✓ 20				XX										
8		8	10	✓ 10				XX										
9		9	5	✓ 5														
10		10	sfce	✓ 1.6	X	X		XX	XX									
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: 181 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	01 : 46	18 : 46
Bottom (BO)	01 : 50	18 : 50
End (EN)	02 : 01	19 : 01

Positional Information

Lat:	48 ° 39 . 13	N
Lon:	123 ° 30 . 61	W

Bottom

Lat:	48 ° 39 . 13	N
Lon:	123 ° 30 . 62	W

Finish

Lat:	48 ° 39 . 17	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: 2015-18 Station: 59 Event #: 4 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 25 | JUL | 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	DIC	NO3	Phylo						
1		11	6-5	✓ 222	X	X			X								
2		12	200	✓ 200			X		X								
3		13	175	✓ 175													
4		14	150	✓ 150					X								
5		15	125	✓ 125	XX												
6		16	100	✓ 100		XX			XX								
7		17	75	✓ 75					X								
8		18	50	✓ 50					X								
9		19	40	✓ 40		XX											
10		20	30	✓ 30	XX				XX								
11		21	20	✓ 20				XX	X								
12		22	10	✓ 10				XX	X								
13		23	5	✓ 5					X								
14		24	SFC	✓ 2.0	X	X		XX	X	XX	X						
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 230 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 05:07 22:03
Bottom (BO) 05:10 22:10
End (EN) : :

Positional Information
Start
Lat: 48° 37' . 78 N
Lon: 123° 14' . 60 W
Bottom
Lat: 48° 37' . 78 N
Lon: 123° 14' . 59 W
Finish
Lat: 48° 37' . 81 N
Lon: 123° 14' . 49 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: 2015-18 Station: 102 Event #: 8 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 25 | June | 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	MPDC	Phyco								
1		25	6-5	✓ 293	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	✓ 41	XX													
10		34	30	✓		XX												
11		35	20	✓				XX										
12		36	10	✓				XX										
13		37	5	✓														
14		38	sk	✓	X	X		XX	XX	X								
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 258 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 14:46 07:46
Bottom (BO) 14:51 :
End (EN) 15:10 :

Positional Information
Start
Lat: 48° 30.02 N
Lon: 124° 44.01 W

Bottom
Lat: 48° 30.02 N
Lon: 124° 43.99 W

Finish
Lat: 48° 30.00 N
Lon: 124° 43.99 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: 2015-18 Station: 75 Event #: 12 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 | June | 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		39	85	✓ 219	x	x												
2		40	200	✓			x											
3		41	175	✓		xx												
4		42	150	✓														
5		43	125	✓	xx													
6		44	100	✓ 101														
7		45	75	✓														
8		46	50	✓ 51		xx												
9		47	40	✓														
10		48	30		xx													
11		49	20					xx										
12		50	10					xx										
13		51	5															
14		52	surf		↓	↓		xx (xx)										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 224 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17:34 10:34
Bottom (BO) 17:39 :
End (EN) 17:56 :

Positional Information
Start Lat: 48° 28.20 N
Lon: 124° 32.85 W
Bottom Lat: 48° 28.22 N
Lon: 124° 32.83 W
Finish Lat: 48° 28.27 N
Lon: 124° 32.82 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: 2015-18 Station: 72 Event #: 16 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 25 | Jun | 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	DIC	HPLC	pyro							
1		53	6-5	✓ 122	X	X			X									
2		54	175	✓ 175			X											
3		55	150	✓ 150					XX									
4		56	125	✓ 125	XX													
5		57	100	✓ 100		XX			X									
6		58	75	✓ 75					X									
7		59	50	✓ 50					X									
8		60	40	✓ 40														
9		61	30	✓ 30		XX			XX									
10		62	20	✓ 20	XX			XX	X									
11		63	10	✓ 10				XX	X									
12		64	5	✓ 5					X									
13		65	stc	✓ 2.0	X	X		XX	X	XX	X							
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
R TF SR

Bottom Depth: 185 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22 : 06	15 : 06
Bottom (BO)	22 : 10	15 : 10
End (EN)	22 : 22	15 : 22

Positional Information

Start

Lat: 48 ° 18 . 66 N

Lon: 124 ° 4 . 06 W

Bottom

Lat: 48 ° 18 . 67 N

Lon: 124 ° 4 . 05 W

Finish

Lat: 48 ° 18 . 69 N

Lon: 124 ° 4 . 16 W

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2015-13 Station: 69 Event #: 19 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | Jul | 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	✓ 174	X													
2		67	150	✓ 150			X											
3		68	125	✓ 125														
4		69	100	✓ 100		X												
5		70	75	✓ 75														
6		71	50	✓ 50														
7		72	40	✓ 40														
8		73	30	✓ 30		X												
9		74	20	✓ 20				2										
10		75	10	✓ 10	X			2										
11		76	5	✓ 5														
12		77	0	✓ 1.2				2	2									
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: 178 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 01:08 18:08
Bottom (BO) 01:13 18:13
End (EN) 01:24 18:24

Positional Information
Start
Lat: 48 ° 15 . 59 N
Lon: 123 ° 43 . 26 W
Bottom
Lat: 48 ° 15 . 60 N
Lon: 123 ° 43 . 28 W
Finish
Lat: 48 ° 15 . 64 N
Lon: 123 ° 43 . 30 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: 2015-18 Station: adcp Event #: 22 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 26 | Jul | 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	HLR	PATD								
1		78	6-5	✓	117	X	X											
2		79	100	✓	100			X										
3		80	75	✓	75													
4		81	50	✓	50		XX											
5		82	40	✓	40	XX												
6		83	30	✓	30													
7		84	20	✓	20				XX									
8		85	10	✓	10				XX									
9		86	5	✓	5													
10		87	sfe	✓	2.1	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):

Bottom Depth: 115 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	04:19	21:19
Bottom (BO)	04:23	21:23
End (EN)	:	:

Positional Information

Lat:	48 ° 13 . 95	N
Lon:	123 ° 18 . 00	W

Bottom

Lat:	48 ° 13 . 97	N
Lon:	123 ° 17 . 98	W

Finish

Lat:	48 ° 13 . 97	N
Lon:	123 ° 17 . 99	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: 2015-18 Station: 65 Event #: 26 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 26 | JUN | 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		88	5-5	✓ 127		X												
2		89	100	✓ 101			X											
3		90	75	✓														
4		91	50	✓														
5		92	40	✓		XY												
6		93	30	✓														
7		94	20	✓				XX										
8		95	10	✓				XX										
9		96	5	✓														
10		97	sfc	✓		X		XX	XX									
11																		
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: 131 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:02	00:02
Bottom (BO)	07:05	:
End (EN)	07:16	:

Positional Information

Lat:	48° 15.78	N
Lon:	123° 9.77	W

Bottom

Lat:	48° 15.77	N
Lon:	123° 9.78	W

Finish

Lat:	48° 15.82	N
Lon:	123° 9.78	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: 2015-18 Station: 63 Event #: 29 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 26 | JUN | 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		98	20	✓		XX		XX									
2		99	10	✓		X		XX									
3		100	5	✓		X											
4		101	3fc	✓		X		XX	XX	X							
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):
SR

Bottom Depth: 152 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 09:00 02:00
Bottom (BO) 09:02 :
End (EN) 09:09 :

Positional Information
Start Lat: 48° 14 . 68 N
Lon: 122° 58 . 61 W
Bottom Lat: 48° 14 . 69 N
Lon: 122° 58 . 61 W
Finish Lat: 48° 14 . 68 N
Lon: 122° 58 . 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: 2015-18 Station: 62 Event #: 30 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | June | 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	WPLC								
1		102	B-5	✓ 145	X	I											
2		103	125	✓	↓	I	X										
3		104	100	✓	↓	XX											
4		105	75	✓	↓	I											
5		106	50	✓	XX	I											
6		107	40	✓	↓	I											
7		108	30	✓	↓	I											
8		109	20	✓	↓	XX		XX									
9		110	10	✓	XX	↓		XX									
10		111	5	✓	↓	↓											
11		112	surf	✓	↓	↓		XX	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: 146 m
Transmisso Cleaned: ☒ Y ☐ N
Fluorometer Cleaned: ☐ Y ☐ N
Time UTC Local
Start (BE) 10:16 03:16
Bottom (BO) 10:19 :
End (EN) 10:29 :

Positional Information
Start Lat: 48° 22.79 N
Lon: 123° 2.60 W
▼
Bottom Lat: 48° 22.78 N
Lon: 123° 2.63 W
▼
Finish Lat: 48° 22.76 N
Lon: 123° 2.66 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: 2015-18 Station: 56 Event #: 36 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | June | 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		113	05	✓ 214														
2		114	200	✓			X											
3		115	175	✓		XX												
4		116	150	✓	XX													
5		117	125	✓														
6		118	100	✓														
7		119	75															
8		120	50			XX												
9		121	40															
10		122	30		XX													
11		123	20					XX										
12		124	10					XX										
13		125	5															
14		126	surf		✓	✓		XX	XX									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 218 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17:20 10:20
Bottom (BO) 17:24 :
End (EN) 17:41 :

Positional Information
Start
Lat: 48° 46.39 N
Lon: 123° 1.54 W
Bottom
Lat: 48° 46.39 N
Lon: 123° 1.55 W
Finish
Lat: 48° 46.40 N
Lon: 123° 1.61 W

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2015-18 Station: 46 Event #: 44 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | June | 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		127	B-5	✓ 173	✓	✓											
2		128	150	✓ 150			X										
3		129	125	✓ 125													
4		130	100	✓ 100	XX												
5		131	75	✓ 75		XX											
6		132	50	✓ 50													
7		133	40	✓ 40													
8		134	30	✓ 30													
9		135	20	✓ 20	XX			XX									
10		136	10	✓ 10				XX									
11		137	5	✓ 5													
12		138	Surf		✓	✓		XX	XX								
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 177 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23:14	:
Bottom (BO)	23:19	:
End (EN)	23:31	:

Positional Information
Start
Lat: 48° 51.412 N
Lon: 123° 10.795 W

Bottom
Lat: 48° 51.397 N
Lon: 123° 10.795 W

Finish
Lat: 48° 51.355 N
Lon: 123° 10.813 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: 2015-18 Station: 42 Event #: 51 Vessel: Neutor UTC Date (dd|mmm|yyyy): 27 | 06 | 15

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	APC	PH	TD						
1		139	6-5	✓ 315	1				X									
2		140	300	✓ 300			X											
3		141	250	✓ 250					X									
4		142	200	✓ 200	XX				X									
5		143	175	✓ 175														
6		144	150	✓ 150					X									
7		145	125	✓ 125		XX			XX									
8		146	100	✓ 100					X									
9		147	75	✓ 75					X									
10		148	50	✓ 50					X									
11		149	40	✓ 40		XX			X									
12		150	30	✓ 30					X									
13		151	20	✓ 20				2	XX									
14		152	10	✓ 10	XX			2	X									
15		153	5	✓ 5					X									
16		154	0	✓ 1.9				2	X	XX	X							
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 319 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 03:12 20:12
Bottom (BO) 03:19 20:19
End (EN) 03:35 20:35

Positional Information
Start Lat: 49° 1.794 N
Lon: 123° 26.206 W
Bottom Lat: 49° 1.790 N
Lon: 123° 26.218 W
Finish Lat: 49° 1.787 N
Lon: 123° 26.226 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: 2015-18 Station: 39 Event #: 56 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 27 | Jul | 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	HPDC								
1		155	6-5	✓ 319	X	X											
2		156	350	✓			X										
3		157	300	✓													
4		158	250	✓													
5		159	200	✓	XX												
6		160	175	✓													
7		161	150	✓		XX											
8		162	125	✓													
9		163	100	✓													
10		164	75	✓													
11		165	50	✓	XY												
12		166	40	✓		XY											
13		167	30	✓													
14		168	20	✓				XX									
15		169	10	✓				XX									
16		170	5	✓													
17		171	SFC	✓	X	X		XX XX									
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 385 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N
Time UTC Local
Start (BE) 07:32 00:32
Bottom (BO) 07:40 :
End (EN) 08:02 :

Positional Information
Start
Lat: 49° 9.41 N
Lon: 123° 32.95 W
Bottom
Lat: 49° 9.40 N
Lon: 123° 32.93 W
Finish
Lat: 49° 9.36 N
Lon: 123° 32.91 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: 2015-18 Station: 27 Event #: Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | June | 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	DIC	HPIC									
1		172	B-5	✓ 341					X										
2		173	300	✓ 301			X		X										
3		174	250	✓					XX										
4		175	200	✓	XX				X										
5		176	175	✓					X										
6		177	150	✓ 151		XX													
7		178	125	✓															
8		179	100	✓															
9		180	75	✓															
10		181	50	✓	XX				XX										
11		182	40	✓		XX													
12		183	30	✓															
13		184	20	✓				XX											
14		185	10	✓				XX											
15		186	5	✓															
16		187	surf	✓	✓	✓		XX	XX										
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 345 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	12:13	05:13
Bottom (BO)	12:20	:
End (EN)	12:44	:

Positional Information

Lat:	49° 19.08	N
Lon:	123° 47.97	W

Bottom

Lat:	49° 19.04	N
Lon:	123° 47.96	W

Finish

Lat:	49° 18.98	N
Lon:	123° 47.98	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: 2015-18 Station: 2 Event #: 67 Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | June | 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		188	B-5	✓ 272														
2		189	250	✓			X											
3		190	200	✓	XX													
4		191	175	✓														
5		192	150	✓		XX												
6		193	125	✓														
7		194	100	✓														
8		195	75	✓														
9		196	50	✓	XX													
10		197	40	✓		XX												
11		198	30															
12		199	20					XX										
13		200	20					XX										
14		201	5															
15		202	surf					XX	XX									
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 278 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17:18 10:18
Bottom (BO) 17:24 :
End (EN) 17:42 :

Positional Information
Start Lat: 49 ° 24.07 N
Lon: 124 ° 9.29 W
Bottom Lat: 49 ° 24.07 N
Lon: 124 ° 9.32 W
Finish Lat: 49 ° 24.12 N
Lon: 124 ° 9.39 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: 2015-18 Station: 3 Event #: 72 Vessel: Vector UTC Date (dd|mmm|yyyy): 27 | June | 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	HPGC									
1		203	B-5	/ 318														
2		204	300	/ 300			X											
3		205	250	/ 250														
4		206	200	/ 200														
5		207	175	/ 175														
6		208	150	/ 150		XX												
7		209	125	/ 125														
8		210	100	/ 100														
9		211	75	/ 75														
10		212	50	/ 50														
11		213	40	/ 40		XX												
12		214	30	/ 30														
13		215	20	/ 20				XX										
14		216	10	/ 10				XX										
15		217	5	/ 5														
16		218	surf	/ 1				XX	XX									
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SR/PL/TP

Bottom Depth: 324 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20 : 49	:
Bottom (BO)	20 : 56	:
End (EN)	21 : 13	:

Positional Information

Start

Lat: 49° 26 . 609 N

Lon: 124° 20 . 201 W

▼

Bottom

Lat: 49° 26 . 612 N

Lon: 124° 20 . 195 W

▼

Finish

Lat: 49° 26 . 602 N

Lon: 124° 20 . 213 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: 2015-18 Station: 6 Event #: 78 Vessel: Vector UTC Date (dd|mmm|yyyy): 28 | Dec | 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	APLC									
1		237	65	✓ 190														
2		238	175	✓ 175	xx		x											
3		235	150	✓ 150														
4		240	125	✓ 125		xx												
5		241	100	✓ 100														
6		242	75	✓ 75														
7		243	50	✓ 50														
8		244	40	✓ 40	xx													
9		245	30	✓ 30														
10		246	20	✓ 20		xx		2										
11		247	10	✓ 10				2										
12		248	5	✓ 5														
13		249	0	✓ 1				2	2									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 194 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 01:31 :
Bottom (BO) 01:36 :
End (EN) 01:49 :

Positional Information
Start
Lat: 49° 30' . 646 N
Lon: 124° 27' . 776 W
Bottom
Lat: 49° 30' . 640 N
Lon: 124° 27' . 784 W
Finish
Lat: 49° 30' . 634 N
Lon: 124° 27' . 803 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: 2015-18 Station: B817 Event #: Vessel: UTC Date (dd|mmm|yyyy): 28 | JUL | 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	Chl b	Chl c	Chl d	Chl e	Chl f	Chl g	Chl h	Chl i	Chl j	Chl k	
1		219	6-5	✓ 61	X	X			X										
2		220	50	✓ 50			X		X										
3		221	40	✓ 40					XX										
4		222	30	✓ 30		XX			X										
5		223	20	✓ 20	XX			XX	X										
6		224	10	✓ 10				XX	XX										
7		225	5	✓ 5					X										
8		226	8ft	✓ 1.8	X	X	XX	XX	X										
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):
PC TF SR

Bottom Depth: 66 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 00 : 03 17 : 03
Bottom (BO) 00 : 05 17 : 05
End (EN) 00 : 11 17 : 11

Positional Information
Start
Lat: 49 ° 28 . 800 N
Lon: 124 ° 45 . 781 W
Bottom
Lat: 49 ° 28 . 798 N
Lon: 124 ° 45 . 778 W
Finish
Lat: 49 ° 28 . 792 N
Lon: 124 ° 45 . 775 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: 2015-18 Station: 9 Event #: Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | JUN | 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	WPC										
1		250	6-5	✓ 165		X													
2		251	150	✓ 150			X												
3		252	125	✓ 125															
4		253	100	✓ 100															
5		254	75	✓ 75		XX													
6		255	50	✓ 50															
7		256	40	✓ 40															
8		257	30	✓ 30															
9		258	20	✓ 20				XX											
10		259	10	✓ 10		XX		XX											
11		260	5	✓ 5															
12		261	ste	✓ 1.8		X		XX XX											
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

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

Time	UTC	Local
Start (BE)	04:19	21:19
Bottom (BO)	04:22	21:22
End (EN)	04:33	21:33

Positional Information

Lat:	49 ° 35 . 506	N
Lon:	124 ° 38 . 287	W

Bottom

Lat:	49 ° 35 . 497	N
Lon:	124 ° 38 . 286	W

Finish

Lat:	49 ° 35 . 503	N
Lon:	124 ° 38 . 292	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: 2015-18 Station: 12 Event #: 85 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 24 | June | 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	DOC	POC	TP						
1		262	6-5	✓ 350	X	X			X								
2		263	300	✓			X										
3		264	250	✓					X								
4		265	200	✓		XX			X								
5		266	175	✓													
6		267	150	✓	XX				XX								
7		268	125	✓					X								
8		269	100	✓					X								
9		270	75	✓					X								
10		271	50	✓		XX			XX								
11		272	40	✓	XY				X								
12		273	30	✓					X								
13		274	20	✓				XX	X								
14		275	10	✓				XX	X								
15		276	5	✓					X								
16		277	Sfc	✓	X	X		XX	X	XX	X						
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 352 m
Transmisso Cleaned: ☒ Y ☐ N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06:52	23:52
Bottom (BO)	07:02	:
End (EN)	07:23	:

Positional Information

Lat:	49 ° 43 . 58	N
Lon:	124 ° 40 . 78	W

▼

Lat:	49 ° 43 . 57	N
Lon:	124 ° 40 . 77	W

▼

Lat:	49 ° 43 . 56	N
Lon:	124 ° 40 . 80	W

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