

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-07 Station: S1 Event #: 1 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | Jun | 2016

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	WRL	DC									
1		1	100	✓ 100	X	X				X									
2		2	75	✓ 75		X	X												
3		3	50	✓ 50		X													
4		4	40	✓ 40	XX	X													
5		5	30	✓ 30		XX													
6		6	20	✓ 20		X		XX											
7		7	10	✓ 10		X		XX											
8		8	5	✓ 5		X													
9		9	sfc	✓ 1.8	X	X		XX	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):
P.S.R.S.R.J.H.T.F.L

Bottom Depth: 183 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23 : 43	16 : 43
Bottom (BO)	23 : 46	16 : 46
End (EN)	23 : 55	16 : 55

Positional Information

Lat:	48 ° 39 . 10	N
Lon:	123 ° 30 . 58	W

Bottom

Lat:	48 ° 39 . 09	N
Lon:	123 ° 30 . 56	W

Finish

Lat:	48 ° 39 . 08	N
Lon:	123 ° 30 . 53	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: 2016-07 Station: 59 Event #: 4 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 JUN 2016

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	PAR	DIC	PHYTO					
1		10	5-5	✓ 227	X	X					X						
2		11	250	✓ 227	1	1	X										
3		12	200	✓ 200	1	XY					X						
4		13	175	✓ 175	1	1											
5		14	150	✓ 150	1	1					X						
6		15	125	✓ 125	XX	1											
7		16	100	✓ 100	1	1					XX						
8		17	75	✓ 75	1	1					X						
9		18	50	✓ 50	1	1					X						
10		19	40	✓ 40	1	1											
11		20	30	✓ 30	XY	1					XX						
12		21	20	✓ 20	1	XY		XX			X						
13		22	10	✓ 10	1	1		XX			X						
14		23	5	✓ 5	1	1					X						
15		24	stc	✓ 1.7	X	X		XX	XX		X	X					
16		25	stc	✓ 1.7						XXX							
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 02 : 42 19 : 42
Bottom (BO) 02 : 48 19 : 48
End (EN) 03 : 03 20 : 03

Positional Information
Start
Lat: 48 ° 37 . 76 N
Lon: 123 ° 14 . 54 W
▼
Bottom
Lat: 48 ° 37 . 77 N
Lon: 123 ° 14 . 58 W
▼
Finish
Lat: 48 ° 37 . 80 N
Lon: 123 ° 14 . 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: 2016-07 Station: 102 Event #: 8 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | Jun | 2016

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	NPIC	PART	PHYTO							
1		26	6-5	✓	248	X	Y											No salinity taken
2		27	200	✓		I		X										
3		28	175	✓		XX												
4		29	150			I												
5		30	125			I												
6		31	100			I	XX											
7		32	75			I												
8		33	50			I												
9		34	40			I	YY											
10		35	30			XX	I											
11		36	20			I	I		XX									
12		37	10			I	I		XX									
13		38	5			I	I											
14		39	sfc			X	X		XX	XX		X						
15		40	sfc							XXX								
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 256 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:35	07:35
Bottom (BO)	14:41	:
End (EN)	14:59	:

Positional Information

Lat:	48° 30.05	N
Lon:	124° 44.09	W

Start

Lat:	48° 30.14	N
Lon:	124° 44.21	W

Bottom

Lat:	48° 30.42	N
Lon:	124° 44.64	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: 2016-07 Station: 75 Event #: 11 Vessel: Vector UTC Date (dd|mmm|yyyy): 16 | Jan | 2016

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	PART								
1		41	B-5	✓ 221														
2		42	200	✓			x											
3		43	175	✓														
4		44	150	✓	xx													
5		45	125	✓		xx												
6		46	100	✓														
7		47	75	✓														
8		48	50	✓														
9		49	40	✓														
10		50	30	✓														
11		51	20	✓	xx	xx		xx										
12		52	10	✓				xx										
13		53	5	✓														
14		54	surf	✓	↓	↓		xx	xx									
15		55	surf	✓						xxx								
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 225 m
 Transmisso Cleaned: ☒ Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:39	10:39
Bottom (BO)	17:44	:
End (EN)	18:01	:

Positional Information

Start	Lat: <u>48° 28.24</u>	N
	Lon: <u>124° 32.90</u>	W
	▼	
Bottom	Lat: <u>48° 28.24</u>	N
	Lon: <u>124° 32.93</u>	W
	▼	
Finish	Lat: <u>48° 28.27</u>	N
	Lon: <u>124° 32.95</u>	W

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-07 Station: 72 Event #: 16 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | Jul | 2016

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	PAR	DIC	PHYTO						
1		56	6-5	✓	183	X	X				X							
2		57	175	✓	175			X										
3		58	150	✓	150						XX							
4		59	125	✓	125		XX											
5		60	100	✓	100	XX					X							
6		61	75	✓	75						X							
7		62	50	✓	50						X							
8		63	40	✓	40													
9		64	30	✓	30		XX				XX							
10		65	20	✓	20	XX		XX			X							
11		66	10	✓	10			XX			X							
12		67	5	✓	5						X							
13		68	stc	✓	1.4	X	X	XX	XX		X	X						
14		69	stc	✓	1.4					XXX								
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 186 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>22 : 03</u>	<u>15 : 03</u>
Bottom (BO)	<u>22 : 07</u>	<u>15 : 07</u>
End (EN)	<u>22 : 20</u>	<u>15 : 20</u>

Positional Information

Lat:	<u>48 ° 18 . 58</u>	N
Lon:	<u>124 ° 4 . 03</u>	W

▼

Lat:	<u>48 ° 18 . 58</u>	N
Lon:	<u>124 ° 4 . 02</u>	W

▼

Lat:	<u>48 ° 18 . 58</u>	N
Lon:	<u>124 ° 4 . 01</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: 201607 Station: 69 Event #: 19 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 JUN 2016

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	NPLO	PART									
1		70	6-5	✓ 175	X	X													
2		71	150	✓ 150			X												
3		72	125	✓ 125															
4		73	100	✓ 100		XX													
5		74	75	✓ 75															
6		75	50	✓ 50	XX														
7		76	40	✓ 40															
8		77	30	✓ 30															
9		78	20	✓ 20		XX		XX											
10		79	10	✓ 10				XX											
11		80	5	✓ 5															
12		81	sfc	✓ 2.6	X	X		XX	XX										
13		82	sfc	✓						XXX									
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 176 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	01 : 14	18 : 14
Bottom (BO)	01 : 16	18 : 16
End (EN)	01 : 29	18 : 29

Positional Information
Start
Lat: 48 ° 15 . 59 N
Lon: 123 ° 43 . 25 W

Bottom
Lat: 48 ° 15 . 56 N
Lon: 123 ° 43 . 27 W

Finish
Lat: 48 ° 15 . 51 N
Lon: 123 ° 43 . 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: 2016-07 Station: ADCP Event #: 23 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 | Jul | 2016

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	NPLO	PART	PWYD							
1		83	6-5	✓ 114	X	X												
2		84	100	✓ 100			X											
3		85	75	✓ 75														
4		86	50	✓ 50														
5		87	40	✓ 40	XX													
6		88	30	✓ 30		XX												
7		89	20	✓ 20				XX										
8		90	10	✓ 10				XX										
9		91	5	✓ 5														
10		92	Sfc	✓ 2.1	X	X		XX	XX		X							
11		93	Sfc	✓ 2.1						XXX								
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 118 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	04:37	21:37
Bottom (BO)	04:39	21:35
End (EN)	04:47	21:47

Positional Information

Lat:	48 ° 13 . 99	N
Lon:	123 ° 17 . 93	W

Start

Bottom

Lat:	48 ° 13 . 96	N
Lon:	123 ° 17 . 96	W

Bottom

Finish

Lat:	48 ° 13 . 90	N
Lon:	123 ° 18 . 02	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: 2016-07 Station: 65 Event #: 28 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 Jun 2016

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	HP2C	PAR							
1		94	6-5	✓	123	X											
2		95	100	✓			X										
3		96	75	✓													
4		97	50	✓													
5		98	40	✓		XX											
6		99	30	✓													
7		100	20	✓				XX									
8		101	10	✓				XX									
9		102	5	✓													
10		103	sfc	✓		X		XX	XX								chl a ≈ 2.5
11		104	sfc	✓					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: 127 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:20	00:20
Bottom (BO)	07:23	:
End (EN)	07:34	:

Positional Information

Lat:	48° 15 . 89	N
Lon:	123° 9 . 86	W

Bottom

Lat:	48° 15 . 86	N
Lon:	123° 9 . 87	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: 2016-07 Station: 63 Event #: 31 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 | Jun | 2016

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	PART	Phyto							
1		105	20			↓	↓	X	XX									
2		106	10			↓	XX		XX									
3		107	5			XX	↓											
4		108	surf			↓	↓		XX	XX		X						chl a ≈ 2.7
5		109	surf								xxx							
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: 155 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	09:43	02:43
Bottom (BO)	09:46	:
End (EN)	09:52	:

Positional Information

Start

Lat: 48° 14 . 63 N

Lon: 122° 58 . 61 W

Bottom

Lat: 48° 14 . 64 N

Lon: 122° 58 . 65 W

Finish

Lat: 48° 14 . 66 N

Lon: 122° 58 . 69 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: 2016-07 Station: 62 Event #: 32 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 | Jun | 2016

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	PART								
1		110	B-5	✓ 147														
2		111	125	✓			X											
3		112	100	✓														
4		113	75	✓		XX												
5		114	50	✓	XX													
6		115	40	✓														
7		116	30	✓														
8		117	20	✓		XX		XX										
9		118	10	✓	XX			XX										
10		119	5	✓	↓	↓												
11		120	SURF	✓				XX	XX									
12		121	SURF	✓						XXX								
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 151 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	11:02	:
Bottom (BO)	11:05	:
End (EN)	11:17	:

Positional Information
Start
Lat: 48° 22.71 N
Lon: 123° 2.62 W

Bottom
Lat: 48° 22.64 N
Lon: 123° 2.61 W

Finish
Lat: 48° 22.31 N
Lon: 123° 2.62 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: 2016-07 Station: 56 Event #: 37 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 | Jun | 2016

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	PAR	Phytd						
1		122	B-5	✓ 209													
2		123	200	✓			X										
3		124	175	✓													
4		125	150	✓													
5		126	125	✓													
6		127	100														
7		128	75			XX											
8		129	50		XX												
9		130	40														
10		131	30														
11		132	20			XX		XX									
12		133	10		XX			XX									
13		134	5		↓	↓											
14		135	surf		↓	↓		XX	XX		X						
15		136	surf							XXX							
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 212 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: Y / ☐ N

Time	UTC	Local
Start (BE)	17:20	10:20
Bottom (BO)	17:24	:
End (EN)	17:39	:

Positional Information
Start
Lat: 48 ° 46.42 N
Lon: 123 ° 1.55 W
▼
Bottom
Lat: 48 ° 46.42 N
Lon: 123 ° 1.55 W
▼
Finish
Lat: 48 ° 46.55 N
Lon: 123 ° 1.49 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: 2016-07 Station: 46 Event #: 46 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 JUN 2016

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	PART							
1		137	B-5	✓ 181	↓	↓											
2		138	150	✓ 150	↓	↓	✓										
3		139	125	✓ 125	↓	↓											
4		140	100	✓ 100	✓	↓											
5		141	75	✓ 75	↓	↓											
6		142	50	✓ 50	↓	↓											
7		143	40	✓ 40	↓	↓											
8		144	30	✓ 30	↓	↓											
9		145	20	✓ 20	↓	✓		✓	✓								
10		146	10	✓ 10	✓	↓		✓	✓								
11		147	5	✓ 5	↓	↓											
12		148	surf	✓ 2.2	↓	↓		✓	✓								
13		149	surf	✓ 2.2						✓	✓						
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Watchkeeper(s):
R FL SR

Bottom Depth: 180 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23 :45	16 :45
Bottom (BO)	23 :48	16 :48
End (EN)	23 :59	16 :59

Positional Information

Lat: 48 ° 51 . 35 N

Lon: 123 ° 10 . 82 W

Bottom

Lat: 48 ° 51 . 35 N

Lon: 123 ° 10 . 83 W

Finish

Lat: 48 ° 51 . 37 N

Lon: 123 ° 10 . 84 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: 2016-07 Station: 42 Event #: 51 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 JUN 2016

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	PAR	DIC	phyl						
1		150	6-5	✓	316	X	X				X							
2		151	300	✓	300			X										
3		152	250	✓	250						X							
4		153	200	✓	200						X							
5		154	175	✓	175		XX											
6		155	150	✓	150	XX					X							
7		156	125	✓	125						XX							
8		157	100	✓	100						X							
9		158	75	✓	75						X							
10		159	50	✓	50						X							
11		160	40	✓	40		XX				X							
12		161	30	✓	30	XX					X							
13		162	20	✓	20			XX			XX							
14		163	10	✓	10			XX			X							
15		164	5	✓	5						X							
16		165	stc	✓	1.5	X	X	XX	XX		X	X						
17		166	stc	✓	1.5					XXX								
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 319 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	03:23	20:23
Bottom (BO)	03:28	20:28
End (EN)	03:47	20:47

Positional Information

Lat:	49 °	1.79	N
Lon:	123 °	26.28	W

Bottom

Lat:	49 °	1.83	N
Lon:	123 °	26.34	W

Finish

Lat:	49 °	1.81	N
Lon:	123 °	26.34	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: 2016-07 Station: 39 Event #: 58 Vessel: Vector UTC Date (dd|mmm|yyyy): 18 Jun 2016

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	PART								
1		167	5-5	✓ 374	X	X												
2		168	5-5	✓						XXX								
3		169	350	✓	X	X	X											
4		170	300	✓	X	X												
5		171	250	✓	X	X												
6		172	200	✓	XX	X												
7		173	175	✓	X	XX												
8		174	150	✓	X	X												
9		175	125	✓	X	X												
10		176	100	✓	X	X												
11		177	100	✓						XXX								
12		178	75	✓	X	X												
13		179	50	✓	X	X												
14		180	50	✓						XXX								
15		181	40	✓	XX	X												
16		182	30	✓	X	XX												
17		183	20	✓	X	X		XX										
18		184	20	✓						XXX								
19		185	10	✓	X	X		XX										
20		186	5	✓	X	X												
21		187	sfc	✓	X	X		XX	XX									
22		188	sfc	✓						XXX								
23																		
24																		

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

Watchkeeper(s):
SR

Bottom Depth: 383 m

Transmisso Cleaned: (Y) N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

08:42

01:42

Bottom (BO)

08:49

:

End (EN)

09:10

:

Positional Information

Lat:

49° 9.79

N

Lon:

123° 32.98

W

▼

Lat:

49° 9.77

N

Lon:

123° 32.97

W

▼

Lat:

49° 9.74

N

Lon:

123° 32.91

W

Start

Bottom

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: 2016-07 Station: 27 Event #: 65 Vessel: Vector UTC Date (dd|mmm|yyyy): 18 | Jun | 2016

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	PART	Phyto							
1		189	B-5	✓	342													
2		190	300	✓		✓✓	X											
3		191	250	✓														
4		192	200	✓														
5		193	175	✓		✓✓												
6		194	150	✓														
7		195	125	✓														
8		196	100	✓														
9		197	75	✓														
10		198	50	✓		✓✓												
11		199	40	✓			✓✓											
12		200	30	✓														
13		201	20	✓					✓✓									
14		202	10	✓					✓✓									
15		203	5	✓														
16		204	surf	✓		↓	↓		✓✓	✓✓		✓						
17		205	surf	✓							✓✓							
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 353 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 14:14 07:14
Bottom (BO) 14:22 :
End (EN) 14:41 :

Positional Information
Start Lat: 49° 19.10 N
Lon: 123° 47.98 W
Bottom Lat: 49° 19.10 N
Lon: 123° 47.98 W
Finish Lat: 49° 19.09 N
Lon: 123° 47.99 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: 2016-07 Station: 2 Event #: 72 Vessel: Vector UTC Date (dd|mmm|yyyy): 18 Jun 2016

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	PART	Phyto							
1		206	B-5	✓	272													
2		207	250	✓	250			✓										
3		208	200	✓	200													
4		209	175	✓	175	✓✓												
5		210	150	✓	150		✓✓											
6		211	125	✓	125													
7		212	100	✓	100													
8		213	75	✓	75													
9		214	50	✓	50	✓✓												
10		215	40	✓	40		✓✓											
11		216	30	✓	30													
12		217	20	✓	20				✓✓									
13		218	10	✓	10				✓✓									
14		219	5	✓	5				✓✓									
15		220	surf	✓	1.9	✓	✓		✓✓	✓✓								
16		221	surf.	✓	1.9					✓✓✓								
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 274 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N
Time UTC Local
Start (BE) 19:37 12:37
Bottom (BO) 19:41 12:41
End (EN) 19:57 12:57

Positional Information
Start
Lat: 49° 24' 11" N
Lon: 124° 9' 25" W
Bottom
Lat: 49° 24' 11" N
Lon: 124° 9' 25" W
Finish
Lat: 49° 24' 06" N
Lon: 124° 9' 33" 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: 2016-07 Station: CPF1 Event #: 73 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 JUN 2016

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		222	20	✓ 20				XX										
2		223	10	✓ 10				XX										
3		224	ste	✓ 2.2				XX										
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):

Bottom Depth: 242 m
Transmisso Cleaned: Y N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20 : 27	13 : 27
Bottom (BO)	20 : 32	13 : 32
End (EN)	:	:

Positional Information

Start	Lat: 49 ° 22 . 04 N
	Lon: 124 ° 5 . 09 W
Bottom	Lat: 49 ° 22 . 03 N
	Lon: 124 ° 5 . 08 W
Finish	Lat: 49 ° 22 . 01 N
	Lon: 124 ° 5 . 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: 2016-07 Station: 3 Event #: 77 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 | Jul | 2016

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	WLC	PAR								
1		225	6-5	✓ 324		X												
2		226	300	✓ 300			X											
3		227	250	✓ 250														
4		228	200	✓ 200														
5		229	175	✓ 175		XY												
6		230	150	✓ 150														
7		231	125	✓ 125														
8		232	100	✓ 100														
9		233	75	✓ 75														
10		234	50	✓ 50		XY												
11		235	40	✓ 40														
12		236	30	✓ 30														
13		237	20	✓ 20				XX										
14		238	10	✓ 10				XX										
15		239	5	✓ 5														
16		240	sfc	✓ 1.8		X		XX	XX									
17		241	sfc	✓ 1.8						XXX								
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 328 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23 :02	16 :07
Bottom (BO)	23 :08	16 :08
End (EN)	23 :25	16 :25

Positional Information

Lat:	49 ° 26 . 59	N
Lon:	124 ° 20 . 41	W

Bottom

Lat:	49 ° 26 . 57	N
Lon:	124 ° 20 . 43	W

Finish

Lat:	49 ° 26 . 57	N
Lon:	124 ° 20 . 44	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: 2016-07 Station: BS11 Event #: 78 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 19 JUN 2016

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	MPD	PAR	DIC							
1		241	6-5	✓ 58	X	X					X							
2		242	50	✓ 50			X				X							
3		243	40	✓ 40							XX							
4		244	30	✓ 30	XX						X							
5		245	20	✓ 20		XX		XX			X							
6		246	10	✓ 10				XX			XX							
7		247	5	✓ 5							X							
8		248	SFC	✓ 2.2	X	X		XX	XX		X							
9		249	SFC	✓ 2.2						XXX								
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 SR FL

Bottom Depth: 61 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	01 :05	18 :05
Bottom (BO)	01 :07	18 :07
End (EN)	01 :14	18 :14

Positional Information

Lat:	49 ° 28 . 96	N
Lon:	124 ° 45 . 96	W

Bottom

Lat:	49 ° 28 . 96	N
Lon:	124 ° 45 . 97	W

Finish

Lat:	49 ° 28 . 99	N
Lon:	124 ° 45 . 94	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: 2016-07 Station: 6 Event #: 82 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 19 Jun 2016

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	PAR	PAR2								
1		250	6-5	✓ 189	X	X												
2		251	175	✓ 175			X											
3		252	150	✓ 150														
4		253	125	✓ 125	XX													
5		254	100	✓ 100		XX												
6		255	75	✓ 75														
7		256	50	✓ 50														
8		257	40	✓ 40		XX												
9		258	30	✓ 30	XX													
10		259	20	✓ 20				XX										
11		260	10	✓ 10				XX										
12		261	5	✓ 5														
13		262	sfc	✓ 2.0	X	X		XX	XX									
14		263	sfc	✓ 2.0						XXX								
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
R S F L

Bottom Depth: 191 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 03:51 20:51
Bottom (BO) 03:54 20:54
End (EN) 04:07 21:07

Positional Information
Start
Lat: 49° 30.61 N
Lon: 124° 27.85 W

Bottom
Lat: 49° 30.60 N
Lon: 124° 27.85 W

Finish
Lat: 49° 30.58 N
Lon: 124° 27.81 W

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-07 Station: 9 Event #: 85 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 19 JUN 2016

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	PAR									
1		264	6-5	✓ 165	X	X													
2		265	150	✓ 150		XX	X												
3		266	125	✓ 125															
4		267	100	✓ 100	XX														
5		268	75	✓ 75															
6		269	50	✓ 50															
7		270	40	✓ 40															
8		271	30	✓ 30		XX													
9		272	20	✓ 20				XX											
10		273	10	✓ 10	XX			XX											
11		274	5	✓ 5															
12		275	sfc	✓ 2.2	X	X		XX	XX										
13		276	sfc	✓ 2.2						XXX									
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Watchkeeper(s):
PC SR FL

Bottom Depth: 166 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06:30	23:30
Bottom (BO)	06:33	23:32
End (EN)	06:47	23:47

Positional Information

Start

Lat: 49 ° 35.50 N

Lon: 124 ° 38.32 W

Bottom

Lat: 49 ° 35.50 N

Lon: 124 ° 38.31 W

Finish

Lat: 49 ° 35.47 N

Lon: 124 ° 38.32 W

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