

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-29 Station: 27 Event #: 66 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 09 APR | 2018

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	HLPC	PATD	DA	DIC				
1		136	6-5	✓ 344	X	X						X				
2		137	300	✓								X				
3		138	250	✓			X					XX				
4		139	200	✓	XX											
5		140	175	✓												
6		141	150	✓		XX						XX				
7		142	125	✓												
8		143	100	✓												
9		144	75	✓	XX											
10		145	50	✓												
11		146	40	✓		XX										
12		147	30	✓												
13		148	20	✓				XX				XX				
14		149	10	✓				X				X				
15		150	5	✓								X				
16		151	stc	✓	X	X		X	XX	X	X	X				
17																
18																
19																
20																
21																
22																
23																
24																

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

Bottom Depth: 347 m
 Transmisso Cleaned: ☒ Y ☐ N
 Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	07:56	00:56
Bottom (BO)	08:03	:
End (EN)	08:26	:

Positional Information

Lat:	49° 19.093 N
Lon:	123° 48.040 W

▼

Lat:	49° 19.102 N
Lon:	123° 48.028 W

▼

Lat:	49° 19.103 N
Lon:	123° 48.026 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: 2016-29 Station: CPF1 Event #: 71 Vessel: Vector UTC Date (dd|mmm|yyyy): 09 | APR | 2018

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		152				X		X										
2		153				X		XX										
3		154				X		X	XX									
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 245 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	11:12	04:12
Bottom (BO)	11:17	:
End (EN)	11:24	:

Positional Information
Start
Lat: 49° 22.037 N
Lon: 124° 05.080 W

Bottom
Lat: 49° 22.038 N
Lon: 124° 05.080 W

Finish
Lat: 49° 22.036 N
Lon: 124° 05.094 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: 2018-29 Station: 2 Event #: 73 Vessel: Vector UTC Date (dd|mmm|yyyy): 09 | APR | 2018

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	B-5	✓ 273			X											
2		156	250	✓														
3		157	200	✓														
4		158	175	✓		XX												
5		159	150	✓	XX													
6		160	125	✓														
7		161	100	✓														
8		162	75	✓														
9		163	50	✓														
10		164	40	✓														
11		165	30	✓	XX													
12		166	20	✓		XX		XX										
13		167	10	✓				X										
14		168	5	✓														
15		169	0	✓	↓	↓		X	XX									
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 2 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	12:44	05:44
Bottom (BO)	12:48	:
End (EN)	13:08	:

Positional Information
Start
Lat: 49° 24' . 118 N
Lon: 124° 9' . 349 W

Bottom
Lat: 49° 24' . 114 N
Lon: 124° 9' . 354 W

Finish
Lat: 49° 24' . 115 N
Lon: 124° 9' . 360 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: 2018-29 Station: 22 Event #: 78 Vessel: Vector UTC Date (dd|mmm|yyyy): 02 | APR | 2018

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		170	20	✓		X		X										
2		171	10			X		XX										
3		172	0			X		X	XX									
4																		
5																		
6																		
7																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):

812

Bottom Depth: 353 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

17 :15

10 :15

Bottom (BO)

17 :23

:

End (EN)

17 :32

:

Positional Information

Lat:

49 ° 40 . 228

N

Lon:

124 ° 16 . 200

W

▼

Lat:

49 ° 40 . 230

N

Lon:

124 ° 16 . 196

W

▼

Lat:

49 ° 40 . 225

N

Lon:

124 ° 16 . 164

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: 2018-29 Station: QU39 Event #: Vessel: VECTOR UTC Date (dd|mmm|yyyy):

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	WDC									
1		173	20	✓ 20		X		X										
2		174	10	✓ 10		X		X										
3		175	stk	✓ 2.2		X		XX	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):
R/SR/CS

Bottom Depth: 271 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 22:57 15:57
Bottom (BO) 23:02 16:02
End (EN) 23:09 16:09

Positional Information
Start Lat: 50° 01.792 N
Lon: 125° 05.506 W
Bottom Lat: 50° 01.790 N
Lon: 125° 05.509 W
Finish Lat: 50° 01.804 N
Lon: 125° 05.492 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: 2018-24 Station: 16 Event #: 86 Vessel: VECTOP UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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	MPLE	DIC								
1		176	6.5	✓ 150	X	XX				X								
2		177	125	✓ 125	XX	1	X			XX								
3		178	100	✓ 100	1	1												
4		179	75	✓ 75	1	1				X								
5		180	50	✓ 50	1	1												
6		181	40	✓ 40	XX	1												
7		182	30	✓ 30	1	1				X								
8		183	20	✓ 20	1	XX		X		X								
9		184	10	✓ 10	1	1		XX										
10		185	5	✓ 5	1	1				X								
11		186	sfc	✓ 2.2	X	X		X	XX	X								
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
P/se/cs

Bottom Depth: 154 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23:47	16:47
Bottom (BO)	23:50	16:50
End (EN)	00:00	17:00

Positional Information
Start
Lat: 49° 57' . 698 N
Lon: 125° 08' . 732 W

Bottom
Lat: 49° 57' . 701 N
Lon: 125° 08' . 729 W

Finish
Lat: 49° 57' . 661 N
Lon: 125° 08' . 758 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: 2018-29 Station: 14 Event #: Vessel: VECTOR UTC Date (dd|mmm|yyyy):

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	140C	PAR	DA						
1		187	6-5	✓ 307	X	X											
2		188	250	✓ 250			X										
3		189	200	✓ 200													
4		190	175	✓ 175													
5		191	150	✓ 150	XX												
6		192	125	✓ 125		XX											
7		193	100	✓ 100													
8		194	75	✓ 75													
9		195	50	✓ 50	XX												
10		196	40	✓ 40													
11		197	30	✓ 30		XX											
12		198	20	✓ 20				XX									
13		199	10	✓ 10				X									
14		200	5	✓ 5													
15		201	stk	✓ 2.2	X	X		X	XX	X	X						
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 02 : 01 19 : 01
Bottom (BO) 02 : 07 19 : 07
End (EN) : :

Positional Information
Start Lat: 49 ° 52 . 987 N
Lon: 124 ° 59 . 563 W
Bottom Lat: 49 ° 52 . 993 N
Lon: 124 ° 59 . 590 W
Finish Lat: 49 ° 52 . N
Lon: 124 ° 59 . 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: 2018-29 Station: 12 Event #: 93 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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	LA	DIC	ION					
1		202	6-5	✓ 349	X	X						X	X					
2		203	300	✓ 300			X											
3		204	250	✓ 250								X	X					
4		205	200	✓ 200	XX							X	X					
5		206	175	✓ 175		XX												
6		207	150	✓ 150								XX	X					
7		208	125	✓ 125								X	X					
8		209	100	✓ 100	XX							X	XX					
9		210	75	✓ 75								X	X					
10		211	50	✓ 50								XX	X					
11		212	40	✓ 40														
12		213	30	✓ 30								X	X					
13		214	20	✓ 20				X				X	X					
14		215	10	✓ 10				XX				X	X					
15		216	5	✓ 5		XX						X	X					
16		217	ste	✓ 2.2	X	X		X	XX	X	X	X	X					
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 354 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 05 :03 22 :03
Bottom (BO) 05 :10 22 :10
End (EN) 05 :28 22 :28

Positional Information
Start Lat: 49 ° 43 . 606 N
Lon: 124 ° 40 . 804 W
Bottom Lat: 49 ° 43 . 602 N
Lon: 124 ° 40 . 813 W
Finish Lat: 49 ° 43 . 604 N
Lon: 124 ° 40 . 776 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: 2018-29 Station: 9 Event #: 97 Vessel: Vector UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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		218	6-5	✓ 165	X	X												
2		219	150	✓	✓	✓	X											
3		220	125	✓	✓	XX												
4		230	100	✓	XX	✓												
5		231	75	✓	✓	✓												
6		232	50	✓	✓	XX												
7		233	40	✓	XX	✓												
8		234	30	✓	✓	✓												
9		235	20	✓	✓	✓		X										
10		236	10	✓	✓	✓		X										
11		237	5	✓	✓	✓												
12		238	sfc	✓	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):
SR

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

Time	UTC	Local
Start (BE)	08:00	01:00
Bottom (BO)	08:04	:
End (EN)	08:20	:

Positional Information

Lat:	49 ° 35.488	N
Lon:	124 ° 38.302	W

Bottom

Lat:	49 ° 35.485	N
Lon:	124 ° 38.300	W

Finish

Lat:	49 ° 35.483	N
Lon:	124 ° 38.293	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: 2018-29 Station: 6 Event #: 101 Vessel: Vector UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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	DA							
1		239	B-5	✓ 189														
2		240	175				X											
3		241	150															
4		242	125															
5		243	100															
6		244	75			XX												
7		245	50		XX													
8		246	40															
9		247	30															
10		248	20			XX		XX										
11		249	10					X										
12		250	5		✓													
13		251	0		XX	✓		X										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 194 m
 Transmisso Cleaned: ☒ Y / ☐ N
 Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	<u>10:49</u>	<u>03:49</u>
Bottom (BO)	<u>10:52</u>	:
End (EN)	<u>11:09</u>	:

Positional Information

Lat:	<u>49° 30.612</u>	N
Lon:	<u>124° 27.774</u>	W

Start

▼

Lat:	<u>49° 30.619</u>	N
Lon:	<u>124° 27.763</u>	W

Bottom

▼

Lat:	<u>49° 30.616</u>	N
Lon:	<u>124° 27.793</u>	W

Finish

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-29 Station: 3 Event #: 104 Vessel: Vector UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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		252	B-5		XX												
2		253	300				X										
3		254	250														
4		255	200														
5		256	175			XX											
6		257	150														
7		258	125														
8		259	100														
9		260	75														
10		261	50														
11		262	40														
12		263	30			XX											
13		264	20					X									
14		265	10					XX									
15		266	5		↓	↓											
16		267	0		XX	↓		X	XX								
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

STR

Bottom Depth: 324 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE)

13:33

:

Bottom (BO)

13:39

:

End (EN)

:

:

Positional Information

Lat:

49° 26.645

N

Lon:

124° 20.269

W

▼

Lat:

49° 26.620

N

Lon:

124° 20.273

W

▼

Lat:

49° 26.639

N

Lon:

124° 20.242

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: B8-17 Event #: 107 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 10 | APR | 2018

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	MPLL	PAR10	DA	DIC					
1		268	6.5	✓ 56	X	X						X					
2		269	50	✓ 50	1	1	X					XX					
3		270	40	✓ 40	XX	1						X					
4		271	30	✓ 30	1	XX						X					
5		272	20	✓ 20	1	1		X				XX					
6		273	10	✓ 10	1	1		XX				X					
7		274	5	✓ 5	1	1						X					
8		275	sfc	✓ 1.2	X	X		X	XX	X	X	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/se/cs

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

Time	UTC	Local
Start (BE)	16 :31	09 :31
Bottom (BO)	16 :33	09 :33
End (EN)	16 :42	09 :42

Positional Information

Start	Lat: <u>49° 29' .010</u> N
	Lon: <u>124° 45' .974</u> W
	▼
Bottom	Lat: <u>49° 29' .018</u> N
	Lon: <u>124° 45' .972</u> W
	▼
Finish	Lat: <u>49° 29' .000</u> N
	Lon: <u>124° 45' .993</u> W

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