

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-56 Station: BS2 A Event #: 01 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | 6 | 17

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		1	30	✓	✓	✓	✓											
2		2	25	✓	✓	✓												
3		3	20	✓	✓	✓												
4		4	15	✓	✓	✓												
5		5	10	✓	✓	✓												
6		6	5	✓	✓	✓												
7		7	2			✓	✓											
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: _____ m
 Transmissometer Cleaned: ☒ Y / ☐ N
 Fluorometer Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start (BE)	14:20	:
Bottom (BO)	14:21	:
End (EN)	14:27	:

Positional Information

Start	Bottom	Finish
Lat: 49° 38' 37" N	Lat: 49° 38' 38" N	Lat: 49° 38' 37" N
Lon: 124° 53' 66" W	Lon: 124° 53' 66" W	Lon: 124° 53' 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: 2017-56 Station: B52 B Event #: 02 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | 6 | 17

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		8	30	✓		✓												
2		9	25	✓		✓												
3		10	20	✓		✓												
4		11	15	✓		✓												
5		12	10	✓		✓												
6		13	5	✓		✓												
7		14	2	✓		✓												
8																		
9																		
10																		
11																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
H.A.

Bottom Depth: 35 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	<u>15:10</u>	<u>08:10</u>
Bottom (BO)	<u>15:12</u>	:
End (EN)	<u>15:17</u>	:

Positional Information
Lat: 49 ° 38 . 37 N
Lon: 124 ° 53 . 66 W

▼
Lat: 49 ° 38 . 37 N
Lon: 124 ° 53 . 67 W

▼
Lat: 49 ° 38 . 37 N
Lon: 124 ° 53 . 67 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: 2017-56 Station: B52C Event #: 03 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28|6|17

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		15	30	✓	✓	✓												
2		16	25	✓	✓	✓												
3		17	20	✓	✓	✓												
4		18	15	✓	✓	✓												
5		19	10	✓	✓	✓												
6		20	5	✓	✓	✓												
7		21	2	✓	✓	✓												
8																		
9																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 35 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16:00	09:00
Bottom (BO)	16:01	:
End (EN)	16:07	:

Positional Information
Start
Lat: 49 ° 38 . 38 N
Lon: 124 ° 53 . 67 W

Bottom
Lat: 49 ° 38 . 37 N
Lon: 124 ° 53 . 67 W

Finish
Lat: 49 ° 38 . 38 N
Lon: 124 ° 53 . 67 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: 2017-56 Station: BS2 D Event #: 04 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | 6 | 17

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		22	30	✓		✓												
2		23	25	✓		✓												
3		24	20	✓		✓												
4		25	15	✓		✓												
5		26	10	✓		✓												
6		27	5	✓		✓												
7		28	2	✓		✓												
8																		
9																		
10																		
11																		
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22																		
23																		
24																		

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

Bottom Depth: 36 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N
Time UTC Local
Start (BE) 17:05 10:05
Bottom (BO) 17:07 :
End (EN) 17:12 :

Positional Information
Start
Lat: 41° 38' . 37 N
Lon: 124° 53' . 68 W
▼
Bottom
Lat: 41° 38' . 37 N
Lon: 124° 53' . 68 W
▼
Finish
Lat: 41° 38' . 38 N
Lon: 124° 53' . 70 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: 2017-56 Station: BS2E Event #: 05 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | 6 | 17

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy H.M	Nut T.S	Sal	Chl a										
1		29	30	✓	✓	✓												
2		30	25	✓	✓	✓												
3		31	20	✓	✓	✓												
4		32	15	✓	✓	✓												
5		33	10	✓	✓	✓												
6		34	5	✓	✓	✓												
7		35	2	✓	✓	✓												
8																		
9																		
10																		
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20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 36 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 18:01 11:01
Bottom (BO) 18:02 :
End (EN) 18:07 :

Positional Information
Start Lat: 49° 38.37 N
Lon: 124° 53.70 W
Bottom Lat: 49° 38.37 N
Lon: 124° 53.71 W
Finish Lat: 49° 38.37 N
Lon: 124° 53.76 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: 2017-56 Station: BS2-F Event #: 06 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 28 | 6 | 17

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		36	30	✓		✓												
2		37	25	✓		✓												
3		38	20	✓		✓												
4		39	15	✓		✓												
5		40	10	✓		✓												
6		41	5	✓		✓												
7		42	2	✓		✓												
8																		
9																		
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23																		
24																		

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 35 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N
Time UTC Local
Start (BE) 20:01 13:01
Bottom (BO) 20:03 :
End (EN) 20:11 :

Positional Information
Start
Lat: 49° 38' . 38 N
Lon: 124° 53' . 71 W
▼
Bottom
Lat: 49° 38' . 38 N
Lon: 124° 53' . 70 W
▼
Finish
Lat: 49° 38' . 37 N
Lon: 124° 53' . 71 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: 2017-56 Station: BSZ G Event #: 07 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 29 | 6 | 17

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		43	30	✓	✓	✓												
2		44	25	✓	✓	✓												
3		45	20	✓	✓	✓												
4		46	15	✓	✓	✓												
5		47	10	✓	✓	✓												
6		48	5	✓	✓	✓												
7		49	2	✓	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 35 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 20:59 13:59
Bottom (BO) 21:00 :
End (EN) 21:05 :

Positional Information
Start Lat: 49° 38.37 N
Lon: 124° 53.71 W
Bottom Lat: 49° 38.37 N
Lon: 124° 53.71 W
Finish Lat: 49° 38.37 N
Lon: 124° 53.71 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: 2017-56 Station: BS 17 A Event #: 29 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | 6 | 16

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		50	50	✓	✓	✓													
2		51	40	✓	✓	✓													
3		52	25	✓	✓	✓													
4		53	15	✓	✓	✓													
5		54	10	✓	✓	✓													
6		55	5	✓	✓	✓													
7		56	2	✓	✓	✓													
8																			
9																			
10																			
11																			
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13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 59 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:07	07:08
Bottom (BO)	14:09	:
End (EN)	14:17	:

Positional Information
Lat: 49 ° 29 . 05 N
Lon: 124 ° 46 . 10 W

Bottom
Lat: 49 ° 29 . 05 N
Lon: 124 ° 46 . 11 W

Finish
Lat: 49 ° 29 . 05 N
Lon: 124 ° 46 . 11 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: 2017-56 Station: BS17B Event #: 30 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | 6 | 17

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		57	50	✓		✓												
2		58	40	✓		✓												
3		59	25	✓		✓												
4		60	15	✓		✓												
5		61	10	✓		✓												
6		62	5	✓		✓												
7		63	2	✓		✓												
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):
H.M.

Bottom Depth: 57 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 14:57 07:57
Bottom (BO) 14:58 :
End (EN) 15:05 :

Positional Information
Start Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 12 W
Bottom Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 13 W
Finish Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 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: 2017-56 Station: BS17C(3) Event #: 31 Vessel: VEGTOR UTC Date (dd|mmm|yyyy): 30 | 6 | 17

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		64	50	✓	✓	✓												
2		65	40	✓	✓	✓												
3		66	25	✓	✓	✓												
4		67	15	✓	✓	✓												
5		68	10	✓	✓	✓												
6		69	5	✓	✓	✓												
7		70	2	✓	✓	✓												
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):
H.n.

Bottom Depth: 58 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 15 : 59 08 : 59
Bottom (BO) 16 : 00 :
End (EN) 16 : 07 :

Positional Information
Start Lat: 49 ° 29 . 09 N
Lon: 124 ° 46 . 12 W
Bottom Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 12 W
Finish Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 13 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: 2017-56 Station: BS17D Event #: 32 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | 6 | 17

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		71	50	✓		✓												
2		72	40	✓		✓												
3		73	25	✓		✓												
4		74	15	✓		✓												
5		75	10	✓		✓												
6		76	5	✓		✓												
7		77	2	✓		✓												
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):
H.M.

Bottom Depth: 57 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 16:57 09:
Bottom (BO) 16:58 :
End (EN) 17:05 :

Positional Information
Start Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 13 W
Bottom Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 13 W
Finish Lat: 49 ° 29 . 04 N
Lon: 124 ° 46 . 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: 2017-56 Station: BS17E Event #: 33 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 30 | 6 | 17

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		78	50	✓	✓	✓													
2		79	40	✓	✓	✓													
3		80	25	✓	✓	✓													
4		81	15	✓	✓	✓													
5		82	10	✓	✓	✓													
6		83	5	✓	✓	✓													
7		84	2	✓	✓	✓													
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):
H A

Bottom Depth: 58 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:59	10:59
Bottom (BO)	18:00	:
End (EN)	18:	:

Positional Information
Start
Lat: 49° 29 . 04 N
Lon: 124° 46 . 12 W

Bottom
Lat: 49° 29 . 04 N
Lon: 124° 46 . 12 W

Finish
Lat: 49° 29 . N
Lon: 124° 46 . W

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