

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-03 Station: BS 2A Event #: 001 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 04 | 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	B-5	30	✓	✓	✓											
2		2	25	25	✓	✓												
3		3	20	20	✓	✓												
4		4	15	15	✓	✓												
5		5	10	10	✓	✓												
6		6	5	5	✓	✓												
7		7	2	2	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 36 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 14:41 07:41
Bottom (BO) 14:43 :
End (EN) : :

Positional Information
Start Lat: 49° 38' 39" N
Lon: 124° 53' 67" W
Bottom Lat: 48° 30' 39" N
Lon: 124° 53' 66" W
Finish Lat: 48° 38' N
Lon: 124° 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: 2017-03 Station: BSZB Event #: 063 Vessel: VECTO R UTC Date (dd|mmm|yyyy): 15|04|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	✓		X												
2		9	25	✓		X												
3		10	20	✓		X												
4		11	15	✓		X												
5		12	10	✓		X												
6		13	5	✓		X												
7		14	2	✓		X												
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):
Hm

Bottom Depth: 36 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16:02	09:02
Bottom (BO)	16:07	:
End (EN)	16:	:

Positional Information

Start

Lat: 49° 38' 39" N

Lon: 124° 53' 67" W

Bottom

Lat: 49° 38' 39" N

Lon: 124° 53' 67" W

Finish

Lat: 49° 38' N

Lon: 124° 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: 2017-03 Station: BS2C Event #: 004 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 4 | 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																		
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: 36 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17 : 06 10 : 06
Bottom (BO) 17 : 08 10 : 08
End (EN) 17 : 13 :

Positional Information
Start Lat: 49 ° 38 . 39 N
Lon: 124 ° 53 . 67 W
▼
Bottom Lat: 49 ° 38 . 39 N
Lon: 124 ° 53 . 67 W
▼
Finish Lat: 49 ° 38 . N
Lon: 124 ° 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: 2017-03 Station: BS 2-D Event #: 005 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15|4|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																		
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18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
H.7

Bottom Depth: 35 m
Transmisso Cleaned: 01 N
Fluorometer Cleaned: 01 N

Time	UTC	Local
Start (BE)	18:07	11:07
Bottom (BO)	18:09	11:09
End (EN)	18:14	:

Positional Information
Start
Lat: 49° 38.39 N
Lon: 124° 53.67 W

Bottom
Lat: 49° 38.39 N
Lon: 124° 53.67 W

Finish
Lat: 49° 38.39 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: 2017-03 Station: BS 2-E Event #: 0007 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 4 | 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		29	30	✓	✓	✓	✓											
2		30	25	✓	✓	✓												
3		31	20	✓	✓	✓												
4		32	15	✓	✓	✓												
5		33	10	✓	✓	✓												
6		34	5	✓	✓	✓												
7		35	2	✓	✓	✓												
8																		
9																		
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13																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
A.M.

Bottom Depth: 35 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	20 : 04	:
Bottom (BO)	20 : 06	:
End (EN)	20 : 12	:

Positional Information

Start

Lat: 49 ° 38 . 40 N

Lon: 124 ° 53 74 W

Bottom

Lat: 49 ° 38 . 40 N

Lon: 124 ° 53 . 74 W

Finish

Lat: 49 ° 38 . 40 N

Lon: 124 ° 53 . 74 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: 2017-03 Station: CBZ-F Event #: 008 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 4 | 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																		
10																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
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)	21:59	14:59
Bottom (BO)	22:01	:
End (EN)	22:03	:

Positional Information

Start

Lat: 49 ° 38 . 40 N

Lon: 124 ° 53 . 74 W

Bottom

Lat: 49 ° 38 . 41 N

Lon: 124 ° 53 . 74 W

Finish

Lat: 49 ° 38 . 40 N

Lon: 124 ° 53 . 75 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: 2017-03 Station: B52-G Event #: 009 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 4 | 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) | TrMetlRos | X-Niskin
Watchkeeper(s):
H.M.

Bottom Depth: 35 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N
Time UTC Local
Start (BE) 23:03 16:03
Bottom (BO) 23:04 :
End (EN) 23:11 :

Positional Information
Start Lat: 49° 38.46 N
Lon: 124° 53.74 W
Bottom Lat: 49° 38.39 N
Lon: 124° 53.74 W
Finish Lat: 49° 38.39 N
Lon: 124° 53.74 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: 2017-03 Station: BS2-H Event #: 01 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 4 | 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		50	30	✓	✓	✓	✓											
2		51	25	✓	✓	✓												
3		52	20	✓	✓	✓												
4		53	15	✓	✓	✓												
5		54	10	✓	✓	✓												
6		55	5	✓	✓	✓												
7		56	2	✓	✓	✓												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 33 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 00 : 51 18 : 09
Bottom (BO) 01 : 01 :
End (EN) 01 : 07 :

Positional Information
Start Lat: 49 ° 38 . 41 N
Lon: 124 ° 53 . 73 W
Bottom Lat: 49 ° 38 . 41 N
Lon: 124 ° 53 . 73 W
Finish Lat: 49 ° 38 . 41 N
Lon: 124 ° 53 . 73 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: 2017-03 Station: BS17A Event #: 014 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 4 | 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	B-5	✓ 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: 55 m
Transmisso Cleaned: (Y) | N
Fluorometer Cleaned: (Y) | N
Time UTC Local
Start (BE) 15:54 09:54
Bottom (BO) 15:55 :
End (EN) 16:03 09:03

Positional Information
Start Lat: 49 ° 29 . 08 N
Lon: 124 ° 46 . 19 W
Bottom Lat: 49 ° 29 . 08 N
Lon: 124 ° 46 . 19 W
Finish Lat: 49 ° 29 . 08 N
Lon: 124 ° 46 . 20 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: 2017-03 Station: BS17-B Event #: 016 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 4 | 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.7.

Bottom Depth: 55 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17:03 10:03
Bottom (BO) 17:05 :
End (EN) 17:12 :

Positional Information
Start Lat: 49° 29.08 N
Lon: 124° 46.21 W
Bottom Lat: 49° 29.08 N
Lon: 124° 46.21 W
Finish Lat: 49° 29.08 N
Lon: 124° 46.21 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: 2017-03 Station: BS17-C Event #: 017 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 4 | 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: 55 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:01	12:01
Bottom (BO)	19:03	:
End (EN)	19:10	:

Positional Information

Start	Lat:	49° 29' . 08	N
	Lon:	124° 46' . 21	W
Bottom	Lat:	49° 29' . 08	N
	Lon:	124° 46' . 21	W
Finish	Lat:	49° 29' . 08	N
	Lon:	124° 46' . 20	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: 2017-03 Station: BS17-D Event #: 019 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 4 | 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.M.

Bottom Depth: 54 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 20:05 13:05
Bottom (BO) 20:06 :
End (EN) 20:13 :

Positional Information
Start Lat: 49° 29 . 08 N
Lon: 124° 46 . 21 W
Bottom Lat: 49° 29 . 08 N
Lon: 124° 46 . 21 W
Finish Lat: 49° 29 . 08 N
Lon: 124° 46 . 21 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: 2017-03 Station: BS17-E Event #: 020 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16|4|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		85	50	✓														
2		86	40	✓														
3		87	25	✓														
4		88	15	✓														
5		89	10	✓														
6		90	5	✓														
7		91	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: 53 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21 : 01	14 : 01
Bottom (BO)	21 : 03	:
End (EN)	21 : 10	:

Positional Information

Start

Lat: 49 ° 29 . 05 N

Lon: 124 ° 46 . 20 W

Bottom

Lat: 49 ° 29 . 05 N

Lon: 124 ° 46 . 20 W

Finish

Lat: 49 ° 29 . 05 N

Lon: 124 ° 46 . 20 W

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