

Cruise ID: 2019-043 Station: BS23.0 Event #: 46 Ship: Vector UTC Date (dd mmm yyyy): 10 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal									
1	1	60	bot-5	✓ 54	x										
2	2	61	40	✓ 40	x	x									
3	3	62	30	✓ 30	x										
4	4	63	20	✓ 20	xx										
5	5	64	10	✓ 10	x										
6	6	65	5	✓ 5	x										
7	7	66	0	✓ 18	x										
8															
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Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 58 m
Transmisso Cleaned: Y / N

Time	UTC	Local
Start	1948	1248
Bottom	1950	
End	1956	

Start

Bottom

End

Lat: 49 27 731 N
Lon: 124 39 966 W

Lat: 49 27 725 N
Lon: 124 39 961 W

Lat: 49 27 725 N
Lon: 124 37 964 W

Extra comments:

Cruise ID: 2019-043 Station: BS22.0 Event #: 44 Ship: Vector UTC Date (dd mmm yyyy): 10 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	OXY	Sal											
1	1	55	bot-5	✓ 37	x												
2	2	56	20	✓ 20	x	x											
3	3	57	10	✓ 10	x	x											
4	4	58	5	✓ 5	x												
5	5	59	0	✓ 20	x												
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Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 42 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	18 27	11
Bottom	18 28	
End	18 32	

Positional Information
Start
Lat: 49 28 279 N
Lon: 124 41 794 W

Bottom
Lat: 49 28 279 N
Lon: 124 41 792 W

End
Lat: 49 28 276 N
Lon: 124 41 762 W

Extra comments:

Cruise ID: 2019-043 Station: BS20.0 Event #: 42 Ship: Vector UTC Date (dd mmm yyyy): 10 JUN 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal									
1	1	49	bot-5	✓ 30	x										
2	2	50	30	✓ 30	xx	x									
3	3	51	20	✓ 20	x										
4	4	52	10	✓ 10	x										
5	5	53	5	✓ 5	x										
6	6	54	0	✓ 2.1	x										
7															
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Profile type: (ROS) TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 42 m
Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	1712	1012
Bottom	1713	
End	1718	

Positional Information
Start
Lat: 49 28 337 N
Lon: 124 44 825 W

Bottom
Lat: 49 28 334 N
Lon: 124 44 822 W

End
Lat: 49 28 332 N
Lon: 124 44 813 W

Extra comments:

Cruise ID: 2019-043 Station: BS17.0

Event #: 38

Ship: Vector

UTC Date (dd mmm yyyy): 10 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal									
1	1	42	bot-5	✓ 46.5	xx										
2	2	43	40	✓ 40	x	x									
3	3	44	30	✓ 30	x										
4	4	45	20	✓ 20	x										
5	5	46	10	✓ 10	x										
6	6	47	5	✓ 5	x										
7	7	48	0	✓ 2.1	x										
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Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 50 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	1542	0842
Bottom	1543	
End	1552	

Positional Information

Start	Lat: 49 29 081 N	Lon: 124 46 251 W
Bottom	Lat: 49 29 079 N	Lon: 124 46 246 W
End	Lat: 49 29 065 N	Lon: 124 46 218 W

Extra comments:

Cruise ID: 2019-043

Station: BS14.0

Event #: 35

Ship: Vector

UTC Date (dd|mmm|yyyy): 16 | Jun | 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials													Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal												
1	1	36	bot-5	✓ 43	x													
2	2	37	30	✓ 30	x	x												
3	3	38	20	✓ 20	x													
4	4	39	10	✓ 10	x													
5	5	40	5	✓ 5	x													
6	6	41	0	✓ 1.4	xx													
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Profile type:
☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): MS

Bottom Depth: 47 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1430	0730
Bottom	1432	
End	1437	

Positional Information

Start

Lat: 49 31 055 N

Lon: 124 48 688 W

Bottom

Lat: 49 31 062 N

Lon: 124 48 696 W

End

Lat: 49 31 070 N

Lon: 124 48 702 W

Extra comments:

Cruise ID: 2019-043 Station: BS11.0

Event #: 31

Ship: Vector

UTC Date (dd mmm yyyy): 10 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal									
1	1	30	bot-5	✓ 37	x										
2	2	31	30	✓ 30	x	x									
3	3	32	20	✓ 20	x										
4	4	33	10	✓ 10	x										
5	5	34	5	✓ 5	xx										
6	6	35	0	✓ 17	x										
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Profile type:
ROS TRM X-Niskin other?
Watchkeeper(s): MB

Bottom Depth: 41 m
Transmisso Cleaned: Y N

Time	UTC	Local
Start	0104	1804
Bottom	0105	
End	0111	

Positional Information
Start
Lat: 49 32 172 N
Lon: 124 50 510 W

Bottom
Lat: 49 32 171 N
Lon: 124 50 512 W

End
Lat: 49 32 161 N
Lon: 124 50 513 W

Extra comments:

Cruise ID: 2019-043

Station: BS8.0

Event #: 21

Ship: Vector

UTC Date (dd mmm yyyy): 9 JUN 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal											
1	1	24	bot-5	✓ 42	x												
2	2	25	30	✓ 30	x	x											
3	3	26	20	✓ 20	xx												
4	4	27	10	✓ 10	xx												
5	5	28	5	✓ 5	x												
6	6	29	0	✓ 19	x												
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Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): MB

Bottom Depth: 45 m

Transmisso Cleaned: (Y) I N

Time	UTC	Local
Start	21 20	14 20
Bottom	21 21	
End	21 27	

Positional Information

StartLat: 49 34 148 N
Lon: 124 51 565 W

BottomLat: 49 34 147 N
Lon: 124 51 557 W

EndLat: 49 34 136 N
Lon: 124 51 539 W

Extra comments:

Cruise ID: 2019-043

Station: BS5.0

Event #: 15

Ship: Vector

UTC Date (dd:mmm:yyyy): 9 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed ✓ Pressure	OXY	Sal											
1	1	18	bot-5	✓ 38.5	x												
2	2	19	30	✓ 30	x	x											
3	3	20	20	✓ 20	xx												
4	4	21	10	✓ 10	x												
5	5	22	5	✓ 5	x												
6	6	23	0	✓ 20	x												
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Profile type:
ROS TRM X-Niskin other?

Watchkeeper(s): MR

Bottom Depth: 42 m

Transmisso Cleaned: Y N

Time	UTC	Local
Start	1815	1115
Bottom	1816	
End	1823	

Positional Information

Start

Lat: 49 35 867 N

Lon: 124 51 588 W

Bottom

Lat: 49 35 864 N

Lon: 124 51 588 W

End

Lat: 49 35 848 N

Lon: 124 51 596 W

Extra comments:

Cruise ID: 2019-043

Station: BS2.0

Event #: 6

Ship: Vector

UTC Date (dd:mmm/yyyy): 9 Jun 2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials												Comments
			Target Pressure	Confirmed Pressure	OXY	Sal											
1	1	13	bot-5	✓ 30	xx												
2	2	14	20	✓ 20	x	x											
3	3	15	10	✓ 10	x												
4	4	16	5	✓ 5	x												
5	5	17	0	✓ 2.0	x												
6																	
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Profile type:
☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): MB

Bottom Depth: 35 m

Transmisso Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start	1557	0957
Bottom	1558	
End	1603	

Positional Information

Start

Lat: 49 38 404 N

Lon: 124 53 677 W

Bottom

Lat: 49 38 403 N

Lon: 124 53 673 W

End

Lat: 49 38 384 N

Lon: 124 53 678 W

Extra comments:

Exercise Purposes Only

Cruise ID: 2019-043 Station: SI Event #: 1 Ship: Vector UTC Date (dd mmm yyyy): 02/06/2019

Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken / Sampler's Initials										Comments
			Target Pressure	Confirmed Pressure	OXY	Sal									
1	1	1	100	100	x	x									
2	2	2	100	100	x	x									
3	3	3	100	100	x										
4	4	4	100	100	x										
5	5	5	100	100	x										
6	6	6	100	100											
7	7	7	100	100											
8	8	8	100	100											
9	9	9	100	100											
10	10	10	100	100											
11	11	11	100	100											
12	12	12	on fly												
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Profile type:
☒ ROS ☐ TRM ☐ X-Niskin other?
Watchkeeper(s): MR

Bottom Depth: 117 m
Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	1836	1130
Bottom	1833	
End	1835	

Positional Information
Lat: 48 39 430 N
Lon: 123 29 654 W

Lat: 48 39 442 N
Lon: 123 29 678 W

Lat: 48 39 446 N
Lon: 123 29 699 W

Extra comments: