

Water Properties Group

Sampling/Rosette Log

bypass in 7 digital styled meter
Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014 23 Station: SI Event #: 1 Vessel: VICTOR UTC Date (dd|mmm|yyyy): 15 | Jul | 2014

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	50	✓ 50	X	X													
2		2	40	✓ 40	X	X	7												
3		3	30	✓ 30	X	XX													
4		4	20	✓ 20	XX	X		XX											
5		5	10	✓ 10	X	X		XX											
6		6	5	✓ 5	X	X													
7		7	5.2	✓ 1.3	X	X		XX											
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: 175 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22 : 31	15 : 31
Bottom (BO)	22 : 33	15 : 33
End (EN)	22 : 39	15 : 39

Positional Information

Start	Lat: <u>48 ° 39 . 65</u> N
	Lon: <u>123 ° 30 . 18</u> W

Bottom

Lat: <u>48 ° 39 . 65</u> N
Lon: <u>123 ° 30 . 18</u> W

Finish

Lat: <u>48 ° 39 . 66</u> N
Lon: <u>123 ° 30 . 18</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: 2014 23 Station: 56 Event #: 4 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | Jun | 2014

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	6-5	✓ 208	X	X												
2		9	200	✓ 200			X											
3		10	175	✓ 175														
4		11	150	✓ 150														
5		12	125	✓ 125														
6		13	100	✓ 100	XX													
7		14	75	✓ 75		XX												
8		15	50	✓ 50														
9		16	40	✓ 40														
10		17	30	✓ 30	XX													
11		18	20	✓ 20		XX		XX										
12		19	10	✓ 10				XX										
13		20	5	✓ 5														
14		21	sf	✓ 1.2	X	X		XX										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 200 - 215 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	02:14	19:14
Bottom (BO)	02:19	19:19
End (EN)	02:31	19:31

Positional Information

Lat:	48 ° 48.22	N
Lon:	123 ° 1.81	W

Start

Bottom

Lat:	48 ° 46.35	N
Lon:	123 ° 1.63	W

Finish

Lat:	48 ° 46.63	N
Lon:	123 ° 1.43	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: 2014-23 Station: 16 Event #: 12 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 Jun 2014

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	6-5	/	155	X	X											
2		23	125	/	125			X										
3		24	100	/	100													
4		25	75	/	75	XX												
5		26	50	/	50		XX											
6		27	40	/	40													
7		28	30	/	30													
8		29	20	/	20	XX		XX										
9		30	10	/	10		XX	XX										
10		31	5	/	5													
11		32	stc	/	1	X	X	XX										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SP/MH/TF

Bottom Depth: 156 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 17:00 :
Bottom (BO) 17:04 :
End (EN) 17:14 :

Positional Information
Start
Lat: 49° 57.647 N
Lon: 125° 8.802 W
▼
Bottom
Lat: 49° 57.636 N
Lon: 125° 8.773 W
▼
Finish
Lat: 49° 57.595 N
Lon: 125° 8.740 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
ready to throw label printer overboard!

MF83006/

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-83Station: 14Event #: 14Vessel: VectorUTC Date (dd|mmm|yyyy): 16 June 2014

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		33	6-5	/ 308														
2		34	250	/ 250		X	X											
3		35	200	/ 200														
4		36	175	/ 175														
5		37	150	/ 150	X													
6		38	125	/ 125														
7		39	100	/ 100		X												
8		40	75	/ 75														
9		41	50	/ 50														
10		42	40	/ 40	X													
11		43	30	/ 30														
12		44	20	/ 20				2										
13		45	10	/ 10				2										
14		46	5	/ 5														
15		47	surf	/ 1				2										
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:

Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

SM/MH/TPBottom Depth: 315 mTransmisso Cleaned: Y | NFluorometer Cleaned: Y | N

Time	UTC	Local
Start (BE)	18:34	:
Bottom (BO)	18:43	:
End (EN)	19:01	:

Positional Information

Start	Lat: <u>49° 53.014</u>	N
	Lon: <u>124° 59.658</u>	W
▼		
Bottom	Lat: <u>49° 53.016</u>	N
	Lon: <u>124° 59.648</u>	W
▼		
Finish	Lat: <u>49° 53.039</u>	N
	Lon: <u>124° 59.654</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: 2014-23 Station: 12 Event #: 20 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | JUN | 2014

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	DIC										
1		48	6-5	✓ 349	x	x			x										
2		49	300	✓ 300			x												
3		50	250	✓ 250															
4		51	200	✓ 200					xx										
5		52	175	✓ 175	xx														
6		53	150	✓ 150		xx			x										
7		54	125	✓ 125															
8		55	100	✓ 100															
9		56	75	✓ 75					xx										
10		57	50	✓ 50	xx														
11		58	40	✓ 40		xx													
12		59	30	✓ 30															
13		60	20	✓ 20				xx											
14		61	10	✓ 10				xx											
15		62	5	✓ 5															
16		63	sfc	✓ 1.6	x	x		xx	xx										
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 354 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:55	15:55
Bottom (BO)	23:04	16:04
End (EN)	23:23	16:23

Positional Information

Start	Lat: 49° 43.60	N
	Lon: 124° 40.77	W

Bottom

Lat: 49° 43.60	N
Lon: 124° 40.77	W

Finish

Lat: 49° 43.61	N
Lon: 124° 40.79	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: 2014-23 Station: 9 Event #: 22 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 | JUN | 2014

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	5-5	✓ 164		x												
2		65	150	✓ 150			x											
3		66	125	✓ 125														
4		67	100	✓ 100														
5		68	75	✓ 75		xx												
6		69	50	✓ 50														
7		70	40	✓ 40														
8		71	30	✓ 30		xx												
9		72	20	✓ 20				xx										
10		73	10	✓ 10				xx										
11		74	5	✓ 5														
12		75	SFC	✓ 1.6		x		xx										
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 167 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	01:23	18:23
Bottom (BO)	01:27	18:27
End (EN)	01:40	18:40

Positional Information
Start
Lat: 49° 35.51 N
Lon: 124° 38.30 W

Bottom
Lat: 49° 35.50 N
Lon: 124° 38.29 W

Finish
Lat: 49° 35.50 N
Lon: 124° 38.31 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: 2014-23 Station: 6 Event #: 24 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 JUN 2014

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		76	6-5	✓	189	X	X											
2		77	175	✓	175			X										
3		78	150	✓	150													
4		79	125	✓	125		XY											
5		80	100	✓	100	XX												
6		81	75	✓	75													
7		82	50	✓	50													
8		83	40	✓	40		XX											
9		84	30	✓	30	XY												
10		85	20	✓	20			XX										
11		86	10	✓	10			XX										
12		87	5	✓	5													
13		88	SFC	✓	1.5	X	Y	XX										
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 195 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	03 : 30	20 : 30
Bottom (BO)	03 : 36	20 : 36
End (EN)	03 : 50	20 : 50

Positional Information

Lat:	49 ° 30 . 60	N
Lon:	124 ° 27 . 79	W

Start

Lat:	49 ° 30 . 61	N
Lon:	124 ° 27 . 76	W

Bottom

Lat:	49 ° 30 . 59	N
Lon:	124 ° 27 . 80	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: 2014-23 Station: 3 Event #: 30 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 | June | 2014

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		97	6-5	/ 318		X												
2		98	300	/ 300			X											
3		99	250	/ 250														
4		100	200	/ 200														
5		101	175	/ 175		XX												
6		102	150	/ 150														
7		103	125	/ 125														
8		104	100	/ 100														
9		105	75	/ 75														
10		106	50	/ 50		XX												
11		107	40	/ 40														
12		108	30	/ 30														
13		109	20	/ 20				XX										
14		110	10	/ 10				XX										
15		111	5	/ 5														
16		112	sfc	/ 1		X		XX										
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SM/MT/TF

Bottom Depth: 325 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>08:55</u>	:
Bottom (BO)	<u>09:03</u>	:
End (EN)	<u>09:21</u>	:

Positional Information

Start

Lat: 49° 26.647 N

Lon: 124° 20.328 W

Bottom

Lat: 49° 26.648 N

Lon: 124° 20.266 W

Finish

Lat: 49° 26.609 N

Lon: 124° 20.116 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: 2014-23 Station: BS 17 Event #: 28 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 17 | Jul | 2014

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	DIC									
1		89	6-5	✓ 55	Y	X			X									
2		90	50	✓ 50			X											
3		91	40	✓ 40		XX												
4		92	30	✓ 30	XX				XX									
5		93	20	✓ 20				XX										
6		94	10	✓ 10				XX										
7		95	5	✓ 5														
8		96	ste	✓ 1.7	X	X		XX	Y									
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 KY KS

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

Time	UTC	Local
Start (BE)	06 : 15	23 : 15
Bottom (BO)	06 : 18	23 : 18
End (EN)	06 : 27	23 : 27

Positional Information

Start	Lat: 49 ° 29 . 00 N
	Lon: 124 ° 45 . 99 W

Bottom

Lat: 49 ° 29 . 01 N
Lon: 124 ° 45 . 99 W

Finish

Lat: 49 ° 29 . 01 N
Lon: 124 ° 46 . 00 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: 2014-23 Station: 2 Event #: 35 Vessel: Vektor UTC Date (dd|mmm|yyyy): 17 | June | 2014

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		113	6-5	✓ 272															
2		114	250	✓ 250			X												
3		115	200	✓ 200		X													
4		116	175	✓ 175															
5		117	150	✓ 150	X														
6		118	125	✓ 125															
7		119	100	✓ 100															
8		120	75	✓ 75															
9		121	50	✓ 50		X													
10		122	40	✓ 40															
11		123	30	✓ 30															
12		124	20	✓ 20	X			XY											
13		125	10	✓ 10				XX											
14		126	5	✓ 5															
15		127	3sf	✓ 1				XX											
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SJM/MT/TF

Bottom Depth: 278 m
 Transmisso Cleaned: Y N
 Fluorometer Cleaned: Y N

Time	UTC	Local
Start (BE)	<u>12:17</u>	:
Bottom (BO)	<u>12:24</u>	:
End (EN)	<u>12:41</u>	:

Positional Information

Start	Lat: <u>49° 24.093</u>	N
	Lon: <u>124° 9.324</u>	W

Bottom

	Lat: <u>49° 24.085</u>	N
	Lon: <u>124° 9.424</u>	W

Finish

	Lat: <u>49° 24.052</u>	N
	Lon: <u>124° 9.479</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: 2014-23 Station: 27 Event #: 39 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 June 2014

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		120	6-5	/ 345		X												
2		125	300	/ 300			X											
3		130	250	/ 250														
4		131	200	/ 200														
5		132	175	/ 175														
6		133	150	/ 150														
7		134	125	/ 125		X												
8		135	100	/ 100														
9		136	75	/ 75	X													
10		137	50	/ 50														
11		138	40	/ 40														
12		139	30	/ 30														
13		140	20	/ 20														
14		141	10	/ 10	X													
15		142	5	/ 5														
16		143	surf					2										
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SM/ML/TP

Bottom Depth: 350 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17 :04	:
Bottom (BO)	17 :13	:
End (EN)	17 :32	:

Positional Information

Lat:	49 ° 19 .043	N
Lon:	123 ° 48 .019	W

▼

Lat:	49 ° 19 .018	N
Lon:	123 ° 47 .913	W

▼

Lat:	49 ° 19 .037	N
Lon:	123 ° 47 .779	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: 2014-23 Station: 39 Event #: 45 Vessel: Vector UTC Date (dd|mmm|yyyy): 17 June 2014

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		144	6-5	✓ 369														
2		145	350	✓ 350			X											
3		146	300	✓ 300														
4		14X	250	✓ 250														
5		148	200	✓ 200	X													
6		145	175	✓ 175														
7		150	150	✓ 150														
8		151	125	✓ 125														
9		152	100	✓ 100			X											
10		153	75	✓ 75														
11		154	50	✓ 50														
12		155	40	✓ 40														
13		156	30	✓ 30			X											
14		158	20	✓ 20				2										
15		158	10	✓ 10				2										
16		159	5	✓ 5	X													
17		160	surf	✓ 1.5				2										
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 376 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21 : 28	14 : 22
Bottom (BO)	21 : 36	14 : 36
End (EN)	21 : 54	14 : 51

Positional Information

Lat:	49 ° 9 . 80	N
Lon:	123 ° 32 . 98	W

Bottom

Lat:	49 ° 9 . 85	N
Lon:	123 ° 33 . 08	W

Finish

Lat:	49 ° 9 . 73	N
Lon:	123 ° 33 . 22	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: 2014-23 Station: 42 Event #: 52 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 | JUN | 2014

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	DIC									
1		161	6-5	✓ 313	X	X			X									
2		162	300	✓ 300			X											
3		163	250	✓ 250					X									
4		164	200	✓ 200		XX			X									
5		165	175	✓ 175														
6		166	150	✓ 150	XX				XX									
7		167	125	✓ 125														
8		168	100	✓ 100														
9		169	75	✓ 75														
10		170	50	✓ 50														
11		171	40	✓ 40	XX													
12		172	30	✓ 30		XX			XX									
13		173	20	✓ 20				XX										
14		174	10	✓ 10				XX										
15		175	5	✓ 5														
16		176	ste	✓ 1.4	X	X		XX	X									
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 318 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	01 : 57	18 : 57
Bottom (BO)	02 : 05	19 : 05
End (EN)	:	:

Positional Information

Lat:	49 ° 1.79	N
Lon:	123 ° 26.20	W

Start

Bottom

Lat:	49 ° 1.79	N
Lon:	123 ° 26.21	W

Finish

Lat:	49 ° .	N
Lon:	123 ° .	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: 2014-23 Station: 46 Event #: 56 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 JUN 2014

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		177	6-5	✓ 176	X	X													
2		178	150	✓ 150			X												
3		179	125	✓ 125															
4		180	100	✓ 100	XX														
5		181	75	✓ 75		XY													
6		182	50	✓ 50															
7		183	40	✓ 40															
8		184	30	✓ 30	XX														
9		185	20	✓ 20		XY		XX											
10		186	10	✓ 10				XX											
11		187	5	✓ 5															
12		188	SPC	✓ 2.1	X	X		XX											
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Watchkeeper(s):
PC KS KY

Bottom Depth: 179 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06 : 01	23 : 01
Bottom (BO)	06 : 07	23 : 07
End (EN)	06 : 19	23 : 19

Positional Information

Start

Lat: 48 ° 51 . 39 N

Lon: 123 ° 10 . 82 W

Bottom

Lat: 48 ° 51 . 38 N

Lon: 123 ° 10 . 79 W

Finish

Lat: 48 ° 51 . 38 N

Lon: 123 ° 10 . 79 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: 2014-23 Station: 59 Event #: 63 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 | JUN | 2014

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	DIC									
1		189	6-5	/ 223	X	X			X									
2		190	200	/ 200			X		X									
3		191	175	/ 175														
4		192	150	/ 150		XX			X									
5		193	125	/ 125	XX													
6		194	100	/ 100					X									
7		195	75	/ 75					XX									
8		196	50	/ 50					X									
9		197	40	/ 40														
10		198	30	/ 30	XX				X									
11		199	20	/ 20		XX		XX	X									
12		200	10	/ 10				XX	XX									
13		201	5	/ 5					X									
14		202	SPC	/ 1	X	X		XX	X									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SP/MCH/TF

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

Time	UTC	Local
Start (BE)	12 : 52	:
Bottom (BO)	12 : 59	:
End (EN)	13 : 14	:

Positional Information
Start
Lat: 48 ° 37.630 N
Lon: 123 ° 14.587 W

Bottom
Lat: 48 ° 37.628 N
Lon: 123 ° 14.552 W

Finish
Lat: 48 ° 37.570 N
Lon: 123 ° 14.497 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: 2014-23 Station: 62 Event #: 66 Vessel: Vector UTC Date (dd|mmm|yyyy): 18 | June | 2014

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		203	5-5	/ 144															
2		204	125	/ 125			X												
3		205	100	/ 100															
4		206	75	/ 75	X														
5		207	50	/ 50															
6		208	40	/ 40	X														
7		209	30	/ 30		X													
8		210	20	/ 20				2											
9		211	10	/ 10		X		2											
10		212	5	/ 5															
11		213	surf	/ 1				2											
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SA/MH/TF

Bottom Depth: 146 m
Transmisso Cleaned: Y | N
Fluorometer Cleaned: Y | N
Time UTC Local
Start (BE) 16:12 :
Bottom (BO) 16:17 :
End (EN) 16:20 :

Positional Information
Start Lat: 40° 22.793 N
Lon: 123° 2.590 W
▼
Bottom Lat: 40° 22.794 N
Lon: 123° 2.592 W
▼
Finish Lat: 40° 22.747 N
Lon: 123° 2.624 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: 2014-23 Station: 65 Event #: 69 Vessel: Vector UTC Date (dd|mmm|yyyy): 18 | June | 2014

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		214	6-5	✓	120														
2		215	100	✓	100			A											
3		216	75	✓	75														
4		217	50	✓	50		X												
5		218	40	✓	40														
6		219	30	✓	30														
7		220	20	✓	20				2										
8		221	10	✓	10				2										
9		222	5	✓	5		X												
10		223	surf	✓	1.3				2										
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 124 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18 :58	11 :58
Bottom (BO)	19 :04	12 :04
End (EN)	19 :13	12 :13

Positional Information

Start	Lat: 48 ° 15 . 89	N
	Lon: 123 ° 9 . 83	W
Bottom	Lat: 48 ° 15 . 90	N
	Lon: 123 ° 9 . 83	W
Finish	Lat: 48 ° 15 . 89	N
	Lon: 123 ° 9 . 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: 2014-23 Station: ADCP Event #: 73 Vessel: NECTOR UTC Date (dd|mmm|yyyy): 18 | Jul | 2014

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		224	6.5	✓ 115	X	X													
2		225	100	✓ 100			X												
3		226	75	✓ 75															
4		227	50	✓ 50		XY													
5		228	40	✓ 40															
6		229	30	✓ 30	XY														
7		230	20	✓ 20				XX											
8		231	10	✓ 10				XX											
9		232	5	✓ 5															
10		232	sfc	✓ 1.3	X	X		XX											
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

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

Time	UTC	Local
Start (BE)	<u>21:31</u>	<u>14:31</u>
Bottom (BO)	<u>21:33</u>	<u>14:33</u>
End (EN)	<u>21:42</u>	<u>14:42</u>

Positional Information
Start
Lat: 48 ° 13.99 N
Lon: 123 ° 18.02 W

Bottom
Lat: 48 ° 13.99 N
Lon: 123 ° 18.02 W

Finish
Lat: 48 ° 13.99 N
Lon: 123 ° 18.02 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: 2014-23 Station: 69 Event #: 75 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											
1		234	6-5	✓ 173	X	X													
2		235	150	✓ 150			X												
3		236	125	✓ 125															
4		237	100	✓ 100	XX														
5		238	75	✓ 75		XX													
6		239	50	✓ 50															
7		240	40	✓ 40															
8		241	30	✓ 30	XX														
9		242	20	✓ 20		XX		XX											
10		243	10	✓ 10				XX											
11		244	5	✓ 5															
12		245	ste	✓ 1.4	X	X		XX											
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 175 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23 : 55	16 : 55
Bottom (BO)	23 : 58	16 : 58
End (EN)	00 : 09	17 : 09

Positional Information

Start	Lat: 48 ° 15 . 61 N
	Lon: 123 ° 43 . 18 W

Bottom

Lat: 48 ° 15 . 60 N
Lon: 123 ° 43 . 19 W

Finish

Lat: 48 ° 15 . 59 N
Lon: 123 ° 43 . 24 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: 2014-23 Station: 72 Event #: 76 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 19 JUN 2014

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		246	6-5	✓ 177	X	X			X									
2		247	175	✓ 175			X											
3		248	150	✓ 150		XX			X									
4		249	125	✓ 125														
5		250	100	✓ 100	XX				XX									
6		251	75	✓ 75					X									
7		252	50	✓ 50					X									
8		253	40	✓ 40	XX													
9		254	30	✓ 30		XX			XX									
10		255	20	✓ 20				XX	X									
11		256	10	✓ 10				XX	X									
12		257	5	✓ 5					X									
13		258	Stc	✓ 1.6	X	X		XX	X									
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

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

Time	UTC	Local
Start (BE)	<u>01:58</u>	<u>18:58</u>
Bottom (BO)	<u>02:03</u>	<u>19:03</u>
End (EN)	<u>02:15</u>	<u>19:15</u>

Positional Information

Lat:	<u>48</u> °	<u>18.58</u>	N
Lon:	<u>124</u> °	<u>3.97</u>	W

Bottom

Lat:	<u>48</u> °	<u>18.59</u>	N
Lon:	<u>124</u> °	<u>3.96</u>	W

Finish

Lat:	<u>48</u> °	<u>18.59</u>	N
Lon:	<u>124</u> °	<u>3.98</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: 2014-23 Station: 75 Event #: 77 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 19 JUN 2014

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		259	6.5	✓ 221	X	X												
2		260	200	✓ 200			X											
3		261	175	✓ 175														
4		262	150	✓ 150		XX												
5		263	125	✓ 125														
6		264	100	✓ 100	XX													
7		265	75	✓ 75														
8		266	50	✓ 50														
9		267	40	✓ 40	XX													
10		268	30	✓ 30		XX												
11		269	20	✓ 20				XX										
12		270	10	✓ 10				XX										
13		271	5	✓ 5														
14		272	5.6	✓ 1.6	X	X		XX										
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 223 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	04:49	21:49
Bottom (BO)	04:54	21:54
End (EN)	05:08	22:08

Positional Information

Start	Lat: 48° 28' . 17	N
	Lon: 124° 32' . 83	W

Bottom

Lat: 48° 28' . 16	N
Lon: 124° 32' . 86	W

Finish

Lat: 48° 28' . 19	N
Lon: 124° 32' . 92	W

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