

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15

Station: ChP1

Event #: 001

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 13 | APR | 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	Alk	del18	TOC	DOM	DOC			
1	1	001	Bot-5		✓	✓											
2	2	002	300	299	✓	✓											
3	3	003	250	250.5	✓	✓											
4	4	004	200	199.6	✓	✓											
5	5	005	150	154	✓✓	✓✓											
6	6	006	100	104	✓	✓											
7	7	007	75	79	✓	✓											
8	8	008	50	51	✓	✓											
9	9	009	30	29	✓	✓											
10	10	010	20	19	✓	✓											
11	11	011	10	10	✓✓	✓✓		✓✓									
12	12	012	0	2.5	✓	✓		✓✓									
13	13	013	0	2.5			✓	✓✓	✓	✓	✓	✓	✓	✓			Chl a sample 138 = lost
14																	110m1 g water
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 344 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 20 : 14 :
 Bottom (BO) 20 : 25 :
 End (EN) 20 : 57 :

Positional Information
 Lat: 50 ° 20 . 791 N
 Lon: 125 ° 25 . 861 W

Bottom
 Lat: 50 ° 20 . 803 N
 Lon: 125 ° 25 . 861 W

Finish
 Lat: 50 ° 20 . 765 N
 Lon: 125 ° 25 . 876 W

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

normally - chl would not be taken out of superoxygen carbon niskins

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15

Station: DOUG-4

Event #: 10

Vessel: VECTOR

UTC Date (dd|mmm|yyyy): 15 | 04 | 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 Alk	del 18	TOC	CDOM	DOC	phyto			
1	1	14	BOT-5	✓ 218			✓		✓	✓	✓	✓	✓				
2	2	15	BOT-5	✓ 218	✓	✓											
3	3	16	150	✓ 150			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓				
4	4	17	150	✓ 150	✓✓	✓✓											
5	5	18	100	✓ 100			✓		✓	✓	✓	✓	✓				
6	6	19	100	✓ 100	✓	✓											
7	7	20	75	✓ 75			✓		✓	✓	✓	✓	✓				
8	8	21	75	✓ 75	✓	✓											
9	9	22	50	✓ 50			✓		✓	✓	✓	✓	✓				
10	10	23	50	✓ 50	✓	✓											
11	11	24	30	✓ 30			✓		✓	✓	✓	✓	✓				
12	12	25	30	✓ 30	✓✓	✓✓											
13	13	26	20	✓ 20			✓		✓	✓	✓	✓	✓				
14	14	27	20	✓ 20	✓	✓	✓✓	✓✓									
15	15	28	10	✓ 10			✓		✓	✓	✓	✓	✓				
16	16	29	10	✓ 10	✓	✓	✓✓	✓✓									
17	17	30	0	✓ 1.7			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓				
18	18	31	0	✓ 1.7	✓	✓	✓✓	✓✓						✓			
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 220 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 07:48 :
Bottom (BO) 07:55 :
End (EN) 08:18 :

Positional Information
Start
Lat: 53 ° 55 . 553 N
Lon: 128 ° 42 . 118 W
Bottom
Lat: 53 ° 55 . 536 N
Lon: 128 ° 42 . 086 W
Finish
Lat: N/A : N
Lon: N/A : W

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

SUPER CHEM

Even # Bottles
→ no salinity
odd # Bottles
salinity @ each
bottle

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: Doug II Event #: 14 Vessel: USCGC DNR UTC Date (dd|mmm|yyyy): 15 | 04 | 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 AIK	OC1 18	TOC	CDOM	DOC					
1	1	32	Bot-5	✓ 319	✓	✓	✓											
2	2	33	300	✓ 300	✓	✓												
3	3	34	250	250	✓✓	✓✓												
4	4	35	200	201	✓	✓												
5	5	36	150	151	✓	✓												
6	6	37	100	100	✓	✓												
7	7	38	75	75	✓	✓												
8	8	39	50	50	✓✓	✓✓												
9	9	40	30	30	✓	✓												
10	10	41	20	20	✓	✓		✓✓										
11	11	42	10	10	✓	✓		✓✓										
12	12	43	0	2	✓	✓		✓✓										
13	13	44	0	2			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓					
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 326 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 11 :23 :
Bottom (BO) 11 :38 :
End (EN) : :

Positional Information
Start
Lat: 53 ° 49 . 790 N
Lon: 128 ° 49 . 356 W
▼
Bottom
Lat: 53 ° 49 . 832 N
Lon: 128 ° 49 . 396 W
▼
Finish
Lat: N/A : N
Lon: : W

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

STANDARD CHEM

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: DOUG-16 Event #: 16 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15|04|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	Alk	2015	TOC	CDOM	DOC		
1	1	45	305	376	✓	✓	✓									
2	2	46	350	350	✓	✓										
3	3	47	300	300	✓	✓										
4	4	48	250	250	✓✓	✓✓										
5	5	49	200	200	✓	✓										
6	6	50	150	150	✓	✓										
7	7	51	100	100	✓	✓										
8	8	52	75	75	✓	✓										
9	9	53	50	50	✓✓	✓✓										
10	10	54	30	30	✓	✓										
11	11	55	20	20	✓	✓		✓✓								
12	12	56	10	10	✓	✓		✓✓								
13	13	57	0	2	✓	✓		✓✓								
14	14	58	0	2			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓	✓✓		
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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

Bottom Depth: 381 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 14:08 :
Bottom (BO) 14:18 :
End (EN) 14:48 :

Positional Information
Start
Lat: 53°46.706 N
Lon: 128°54.841 W
Bottom
Lat: 53°46.680 N
Lon: 128°54.902 W
Finish
Lat: 53°46.530 N
Lon: 128°55.176 W

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

STANDARD CHEM

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: F001 Event #: 20 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15|04|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	Alk	del 18	TSS	CDOM	DOC	phyl		
1	1	59	Bot-5	365			✓		✓✓		✓✓	✓✓	✓✓				
2	2	60	Bot-5	365	✓	✓											
3	3	61	300	300			✓		✓		✓	✓	✓				
4	4	62	300	300	✓	✓											
5	5	63	250	250			✓		✓		✓	✓	✓				
6	6	64	250	250	✓✓	✓✓											
7	7	65	200	198			✓		✓		✓	✓	✓				
8	8	66	200	198	✓	✓											
9	9	67	150	148			✓✓		✓✓		✓✓	✓✓	✓✓				
10	10	68	150	148	✓	✓											
11	11	69	100	101			✓		✓		✓	✓	✓				
12	12	70	100	101	✓	✓											
13	13	71	75	77			✓		✓		✓	✓	✓				
14	14	72	75	77	✓✓	✓✓											
15	15	73	50	51			✓		✓		✓	✓	✓				
16	16	74	50	51	✓	✓											
17	17	75	30	30			✓		✓	✓	✓	✓	✓				
18	18	76	30	30	✓	✓											
19	19	77	20	20			✓		✓	✓	✓	✓	✓				
20	20	78	20	20	✓	✓		✓✓									
21	21	79	10	10			✓		✓	✓	✓	✓	✓				
22	22	80	10	10	✓✓	✓✓		✓✓									
23	23	81	0	2			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓				
24	24	82	0	2	✓	✓		✓✓							✓		

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

Bottom Depth: 368 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 16:25 :
 Bottom (BO) 16:33 :
 End (EN) 17:03 :

Positional Information
 Start
 Lat: 53° 44.346 N
 Lon: 129° 1.222 W
 Bottom
 Lat: 53° 44.330 N
 Lon: 129° 1.189 W
 Finish
 Lat: 53° 44.225 N
 Lon: 129° 1.736 W

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

SUPER CHEM

Even # bottles
 odd # bottles
 salinity @ each bottle.

Event #22 in the log Book

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15Station: DrUG2bEvent #: 23Vessel: VECTORUTC Date (dd|mmm|yyyy): 15 | Apr | 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	d18	TDC	CDM	DOC					
1	✓	83	Bot-5	?	✓✓	✓	✓											
2	✓	84	350	?	—	✓✓												
3	✓	85	300	300.48	✓	✓												
4	✓	86	250	249.89	—	✓												
5	✓	87	200	200.07	✓	✓												
6	✓	88	150	149.91	—	✓												
7	✓	89	100	100.34	✓✓	✓✓												
8	✓	90	75	77.48	—	✓												
9	✓	91	50	50.12	✓	✓												
10	✓	92	30	30.01	—	✓												
11	✓	93	20	19.72	✓	✓		✓✓										
12	✓	94	10	9.80	—	✓		✓✓										
13	✓	95	0	2.00	✓	✓		✓✓										
14	✓	96	0	"			✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓					
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:

Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

SV/DW/cw

Bottom Depth: 400 mTransmissio Cleaned: ☒ Y ☐ NFluorometer Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start (BE)	19:54	12:54
Bottom (BO)	20:03	13:03
End (EN)	20:38	13:38

Positional Information

Start	Lat: <u>53° 40.453</u> N
	Lon: <u>129° 07.271</u> W

Bottom	Lat: <u>53° 40.463</u> N
	Lon: <u>129° 07.312</u> W

Finish	Lat: <u>53° 40.421</u> N
	Lon: <u>129° 07.428</u> W

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

STANDARD CHEM

Every second bottle = no DO

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: DOUG-31 Event #: 24 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 15 | 04 | 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	Alk	2118	TAC	CDOM	DOC		
1	✓	97	Bot-5	299.95	✓	✓										
2	✓	98	200	200.02	✓	✓										
3	✓	99	150	150.02	✓✓	✓✓										
4	✓	100	100	100.05	✓	✓										
5	✓	101	75	75.44	✓	✓										
6	✓	102	50	49.35	✓	✓										
7	✓	103	30	30.19	✓✓	✓✓										
8	✓	104	20	19.77	✓	✓		✓✓								
9	✓	105	10	10.01	✓	✓		✓✓								
10	✓	106	0	1.92	✓	✓		✓✓								
11	✓	107	0				✓✓	✓✓	✓	✓✓	✓✓	✓✓	✓✓			
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW, DW, SV

Bottom Depth: 300 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:53	:
Bottom (BO)	22:00	:
End (EN)	22:26	:

Positional Information

Start	Lat: 53 ° 36 . 661 N
	Lon: 129 ° 12 . 709 W

Bottom

Lat: 53 ° 36 . 661 N
Lon: 129 ° 12 . 712 W

Finish

Lat: 53 ° 36 . 62 N
Lon: 129 ° 12 . 775 W

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

STANDARD CHEM

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: DOUG-46 Event #: 29 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 04 | 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	DOC	Alk	221B	TOC	CDOM	DOC	Phylo			
1	✓	108	30T-5	392														need for filtered sw to be used for sediment traps
2	✓	109	30T-5	292														
3	✓	110	30T-5	292	✓✓	✓✓	✓											
4	✓	111	350	350.39	✓	✓												
5	✓	112	300	300.31	✓	✓												
6	✓	113	250	249.64	✓	✓												
7	✓	114	200	199.82	✓	✓												
8	✓	115	150	149.79	✓✓	✓✓												
9	✓	116	100	99.85	✓	✓												
10	✓	117	75	74.75	✓	✓												
11	✓	118	50	49.84	✓	✓												
12	✓	119	30	29.99	✓	✓												
13	✓	120	20	19.79	✓	✓		✓✓										
14	✓	121	10	10.13	✓✓	✓✓		✓✓										
15	✓	123	0	2.11	✓	✓		✓✓							✓			
16	✓	124	0	2.11			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓	✓✓				
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SV / DW / CW

Bottom Depth: _____ m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☒ Y / ☐ N
Time UTC Local
Start (BE) 01:17 :
Bottom (BO) 01:26 :
End (EN) : :

Positional Information
Start
Lat: 53 ° 26 . 76 ° N
Lon: 129 ° 12 . 56 ° W
Bottom
Lat: 53 ° 26 . 766 ° N
Lon: 129 ° 12 . 552 ° W
Finish
Lat: 53 ° 26 . 768 ° N
Lon: 129 ° 12 . 569 ° W

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

STANDARD CHEM BOTTLES: 2 are for filtering seawater; not used in analysis but the label program can't read the code so they get sample #s

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: DOUG-45 Event #: 32 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 Apr 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 AIK	AlB	TOC	CDOM	DOC					
1	✓	125	800	452.93	✓✓	✓✓	✓											
2	✓	126	400	404.4	✓	✓✓												
3	✓	127	350	355.3	✓	✓												
4	✓	128	300	300.16	✓	✓												
5	✓	129	250	249.78	✓	✓												
6	✓	130	200	200.1	✓	✓												
7	✓	131	150	150.28	✓✓	✓✓												
8	✓	132	100	99.93	✓	✓												
9	✓	133	75	75.4	✓	✓												
10	✓	134	50	49.87	✓	✓												
11	✓	135	30	30.29	✓	✓												
12	✓	136	20	20.00	✓	✓		✓✓										
13	✓	137	10	9.90	✓✓	✓✓		✓✓										
14		138	0	1.70	✓	✓		✓✓										
15		139	0	1.70			✓✓		✓✓	✓✓	✓✓	✓✓	✓✓					
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SV 10W/CW

Bottom Depth: 457 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 03:29 20:21
Bottom (BO) 03:40 20:40
End (EN) 04:17 21:17

Positional Information
Start
Lat: 53° 22' 313 N
Lon: 129° 11' 680 W

Bottom
Lat: 53° 22' 392 N
Lon: 129° 11' 591 W

Finish
Lat: 53° 22' 679 N
Lon: 129° 11' 399 W

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

STANDARD CHEM - some depth == DO is dropped.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: 5061 Event #: 39 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 04 | 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	PAR	DO	TOC	CDOM	DOC						
1	1	140	Bot-5	500			✓✓		✓✓	✓	✓✓	✓✓	✓✓						
2	2	141	Bot-5	500	✓✓	✓✓													
3	3	142	400	400			✓		✓	✓	✓	✓	✓						
4	4	143	400	400	✓	✓													
5	5	144	300	300			✓		✓		✓	✓	✓						
6	6	145	300	300	✓	✓													
7	7	146	200	200			✓		✓		✓	✓	✓						
8	8	147	200	200	✓	✓													
9	9	148	150	150			✓✓		✓✓		✓✓	✓✓	✓✓						
10	10	149	150	150	✓✓	✓✓													
11	11	150	100	100			✓		✓		✓	✓	✓						
12	12	151	100	100	✓	✓			✓										
13	13	152	75	75			✓		✓		✓	✓	✓						
14	14	153	75	75	✓	✓													
15	15	154	50	50			✓		✓		✓	✓	✓						
16	16	155	50	50	✓	✓													
17	17	156	30	30			✓		✓		✓	✓	✓						
18	18	157	30	30	✓	✓			✓										
19	19	158	20	20			✓		✓		✓	✓	✓						
20	20	159	20	20	✓	✓		✓✓											
21	21	160	10	10			✓		✓		✓	✓	✓						
22	22	161	10	10	✓✓	✓✓		✓✓											
23	23	162	0	1.7			✓✓		✓✓	✓	✓✓	✓✓	✓✓						
24	24	163	0	1.7	✓	✓		✓✓											

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

Bottom Depth: 506 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	09:24	:
Bottom (BO)	09:37	:
End (EN)	:	:

Positional Information

Lat:	53 ° 11 . 953	N
Lon:	129 ° 25 . 231	W

Bottom

Lat:	53 ° 11 . 924	N
Lon:	129 ° 25 . 223	W

Finish

Lat:	53 ° 11 . 013	N
Lon:	129 ° 25 . 308	W

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

SUPER CHEM

Event # bottles | odd # bottles

NOTE: Different depths than standard due to limited # NISKINS

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: 8074 Event #: 49 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 16 | 07 | 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	Phy	218	TOC	CDOM	OC2					
1	✓	164	Bot-5	375.75	✓	✓	✓											
2	✓	165	300	299.85	✓	✓												
3	✓	166	250	250.22	✓	✓												
4	✓	167	200	199.80	✓	✓												
5	✓	168	150	150.18	✓	✓												
6	✓	169	100	100.26	✓	✓												
7	✓	170	75	75.00	✓	✓												
8	✓	171	50	50.13	✓	✓												
9	✓	172	30	30.42	✓	✓												
10	✓	173	20	20.28	✓	✓		✓	✓									
11	✓	174	10	10.48	✓	✓		✓	✓									
12	✓	175	0	1.79	✓	✓		✓	✓									
13	✓	176	0	"			✓		✓		✓	✓	✓	✓	✓			
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW, DW, SV

Bottom Depth: 380 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 19:12 :
Bottom (BO) 19:21 :
End (EN) 19:50 :

Positional Information
Start
Lat: 53 ° 0 . 680 N
Lon: 129 ° 15 . 925 W
▼
Bottom
Lat: 53 ° 0 . 684 N
Lon: 129 ° 15 . 932 W
▼
Finish
Lat: 53 ° 0 . 687 N
Lon: 129 ° 15 . 949 W

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

STANDARD CHEM

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: Q5-1 Event #: 69 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 04 | 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	phyto									
1	1	177	60-5	140		✓												
2	2	178	100	100		✓												
3										Tripped by accident - ignore.								
4	4	179	75	75		✓												
5	5	180	50	50		✓												
6	6	181	30	30		✓												
7	7	182	20	20		✓		✓✓										
8	8	183	10	10.21		✓		✓✓										
9	9	184	0	1.77		✓		✓✓										
10	10	185	5															
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 145 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16:24	:
Bottom (BO)	16:31	:
End (EN)	16:54	:

Positional Information

Lat:	50° 51' . 458	N
Lon:	127° 18' . 870	W

Bottom

Lat:	50° 51' . 479	N
Lon:	127° 18' . 874	W

Finish

Lat:	50° 51' . 458	N
Lon:	127° 18' . 886	W

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

Sample 185 phytoplankton ONLY @ chl max

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2014-15 Station: Q5-2 Event #: 70 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 | 04 | 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	photo									
1		186	62-5	179		✓												
2		187	150	150		✓												
3		188	100	100		✓												
4		189	75	75		✓												
5		190	50	50		✓												
6		191	30	30		✓												
7		192	20	20		✓		✓										
8		193	10	10		✓		✓										
9		194	0	2		✓		✓	✓									
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 182 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:58	:
Bottom (BO)	18:06	:
End (EN)	:	:

Positional Information

Start	Lat: 50°45.012 N
	Lon: 127°10.012 W

Bottom

Lat: 50°45.046 N
Lon: 127°9.961 W

Finish

Lat: 50°45.458 N
Lon: 127°9.84. 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: 2014-15 Station: J5-1 Event #: 71 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18 | 04 | 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	Phytd									
1	✓	195	hot-5	435.30		✓												
2	✓	196	300	299.85		✓												
3	✓	197	200	199.95		✓												
4	✓	198	150	150.10		✓												
5	✓	199	100	100.13		✓												
6	✓	200	75	74.83		✓												
7	✓	201	50	49.90		✓												
8	✓	202	30	29.80		✓												
9	✓	203	20	19.92		✓		✓										
10	✓	204	10	10.00		✓		✓										203A Chlorophyll leaked when filtering w/5min
11	✓	205	0	2.11		✓		✓	✓									
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 440 m
Transmisso Cleaned: (Y) I N
Fluorometer Cleaned: (Y) I N

Time	UTC	Local
Start (BE)	21:09	14:09
Bottom (BO)	21:19	14:19
End (EN)	21:46	14:46

Positional Information

Start	Lat: 50° 31.322 N
	Lon: 126° 38.392 W

Bottom

Lat: 50° 31.322 N
Lon: 126° 38.341 W

Finish

Lat: 50° 31.320 N
Lon: 126° 38.342 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: 2014-15 Station: JS7 Event #: 72 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 18|04|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	✓	206	Bot-5	276		✓											
2	✓	207	250	249.75		✓											
3	✓	208	200	200.23		✓											
4	✓	209	150	149.71		✓											
5	✓	210	100	100.14		✓✓											
6	✓	211	75	74.98		✓											
7	✓	212	50	49.90		✓											
8	✓	213	30	30.31		✓											
9	✓	214	20	20.01		✓		✓✓									
10	✓	215	10	9.80		✓✓		✓✓									
11	✓	216	0	1.60		✓		✓✓	✓								
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 338 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 23:40 16:40
Bottom (BO) 23:59 16:59
End (EN) 00:22 17:02

Positional Information
Start
Lat: 50° 28.404 N
Lon: 126° 09.260 W

Bottom
Lat: 50° 28.393 N
Lon: 126° 09.712 W

Finish
Lat: 50° 28.393 N
Lon: 126° 09.404 W

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