

To finish it confirm

Cast #3 file test005

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: PAC 2023-035 Station: Harley Bay Test Event #: 7 Vessel: Vector UTC Date (dd/mmm/yyyy): 23 | 05 | 2023 ^{local} (24/105) ^{UTC}

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	604A	40			✓												
2	244	704B	30			✓												
3	344	804A	20			✓												
4	444	904B	10			✓												
5						✓												
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 51.7 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time UTC Local
 Start (BE) 01:33 18:33 ^{23 may}
 Bottom (BO) : :
 End (EN) : :

Positional Information
 Start
 Lat: 53° 22.505 N
 Lon: 129° 16.341 W

Bottom
 Lat: 53° 22.504 N
 Lon: 129° 16.344 W

Finish
 Lat: 53° 22.588 N
 Lon: 129° 16.330 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
test cast nutrients
All bottles closed
as expected

Conform P

Cast #4 E-DWA + MW*
File ~~114~~ N14

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: N14 Event #: 9 Vessel: vector UTC Date (dd|mmm|yyyy): 24 | May | 2023

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		10	87			✓												Flush
2		11																
3		11	2m			✓												
4		11	2m			✓												No flush
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
 CF, CB

Bottom Depth: 87 m
 Transmisso Cleaned: Y / (N)
 Fluorometer Cleaned: Y / (N)

Time	UTC	Local
Start (BE)	:	08:45
Bottom (BO)	:	:
End (EN)	:	08:52

Positional Information dec. min GPS

Start Lat:	53	3158.0	N
Start Lon:	129	13733	W

Bottom

Lat:	.	.	N
Lon:	.	.	W

Finish

Lat:	.	.	N
Lon:	.	.	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
 using handheld GPS because deployer from sternbird F-DWA

bot 124

CTD was taken out of water to reposition
New captain. Pump was running

cont #1111

CAST #5 N13
filename:

EDNA + nut

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: N13 Event #: 10 Vessel: Vector UTC Date (dd|mmm|yyyy): 24 May 2023

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		12	390			✓												Flushed
2																		
3																		
4		143	2m			✓												Not flushed
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 400 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local ?
Start (BE)	16:52	09:52 ?
Bottom (BO)	17:03	10:03 ?
End (EN)	17:13	10:13

Positional Information 109 WP#
 Start
 Lat: 53° 37' 28.14" N 206 in water
 Lon: 129° 15' 35.54" W 207 down going

Bottom
 Lat: 53° 37' 3.01" N WP# 206
 Lon: 129° 15' 6.503" W

Finish
 Lat: 53° 37' 28.38" N 209
 Lon: 129° 15' 6.300" W

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

cast #6 file

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023035 Station: 10Ver Event #: 11 Vessel: Vector UTC Date (dd/mmm/yyyy): 24 May 2023

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		14	152			✓								flushed
2														
3														
4		15	2m			✓								not flushed
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

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

Bottom Depth: 162 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19 : 07	12 : 07 after noon
Bottom (BO)	19 : 10	12 : 10
End (EN)	19 : 15	12 : 15

Positional Information 48484
 Start
 Lat: 53.384907 N ~~8747~~
 Lon: 129.08328756 W wp271
 ▼ 129.083256

Bottom
 Lat: 53.484778 N wp272
 Lon: 129.083299 W

Finish
 Lat: 53.484644 N 273 wp
 Lon: 129.083207 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
wp wp windy
shut off 12:21 local
CB

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: qVer Event #: 12 Vessel: Vectris UTC Date (dd/mmm/yyyy): 24 May 2023

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		16	100			✓												Flushed
2																		
3																		
4		17	a			✓												Not flushed.
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 1152.43 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:48:48	12:48
Bottom (BO)	19:50:50	12:50
End (EN)	19:55:55	12:55

Positional Information WP 277
 Lat: 53.505467 N
 Lon: 129.058708 W

▼ WP 275
 Lat: 53.505511 N
 Lon: 129.058701 W

▼ WP 276
 Lat: 53.505469 N
 Lon: 129.058737 W

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

WP 277 is top 53.505470°
129.058713°

bottom close

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: S Ver Event #: 13 Vessel: Vector UTC Date (dd|mmm|yyyy): 24 | May | 2023

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		<u>18</u>	<u>25</u>			<u>CA</u>												flushed
2																		
3																		
4		<u>19</u>	<u>2</u>			<u>CA</u>												not flushed
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Nutrients
~~EDNA~~

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, ER

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

Time	UTC	Local
Start (BE)	<u>20:39</u>	<u>13:39</u>
Bottom (BO)	:	<u>13:41</u>
End (EN)	:	<u>13:42</u>

Positional Information
 Start
 Lat: 53 : 505.483 N
 Lon: 129 : 058.739 W

Bottom
 Lat: 53 : 505.483 N
 Lon: 129 : 058.739 W

Finish
 Lat: 53 : 505.483 N
 Lon: 129 : 058.739 W

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

WP278
 WP279
 WP280

Cast #

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035

Station: 12 URS (UC45) Event #: 14

Vessel: Vecten

UTC Date (dd|mmm|yyyy): 27 | May | 2023

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		26	410																flushed
2																			
3																			
4		267	2m																not flushed
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 420 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>21:59</u>	<u>14:54</u>
Bottom (BO)	<u>22:03</u>	<u>15:03</u>
End (EN)	<u>22:13</u>	<u>15:13</u>

Positional Information

Start	Lat: <u>53.432719</u>	N
	Lon: <u>128.932491</u>	W

Bottom	Lat: <u>53.432629</u>	N
	Lon: <u>128.932348</u>	W

Finish	Lat: <u>53.432560</u>	N
	Lon: <u>128.932251</u>	W

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

WP 281

WP 282

Water Properties Group

Sampling/Rosette Log

12 urs nutrients

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035

Station: 12 URS (UC45)

Event #: 15

Vessel: Vectra

UTC Date (dd/mm/yyyy): 24 May 2023

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)							target depth	Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a					
1		20	300	?		✓						250	Pushed
2		21	200			✓						150	flushed
3		22	100			✓						100	"
4		23	50 75			✓						75	"
5		24	20 50			✓						50	"
6		25	20 20			✓						20	"
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

deeper to shallower

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 415 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time UTC Local
 Start (BE) 22:49 15:49
 Bottom (BO) 22:58 15:58 ?
 End (EN) 23:17 16:17

Positional Information
 Start
 Lat: 53° 43' 25.24" N
 Lon: 128° 43' 20.06" W

Bottom
 Lat: 53° 43' 35.47" N
 Lon: 128° 43' 22.01" W

Finish
 Lat: 53° 43' 25.13" N
 Lon: 128° 43' 21.26" W

WP 289

WP 285

WP 286

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

End Day 1 water sampling of leg 1

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-43 Station: UC 43 Event #: 16 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 May 2023 (24th local)

42
20
20
30
50
75
100

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		28	5			✓								35 25	Pushed
2		29	15			✓								45 15	Pushed
3		30	30			✓								30 30	"
4		31	50			✓								50 50	"
5		32	75			✓								75 75	"
6		33	100			✓								100 100	"
7															
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):
CRL team

Bottom Depth: 109 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time UTC Local
Start (BE) 00:39 17:39
Bottom (BO) : :
End (EN) 01:09 18:04

Positional Information
Start
Lat: 53.483602 N
Lon: 128.977330 W

Bottom
Lat: 53.483715 N
Lon: 128.977574 W

Finish
Lat: 53.483675 N
Lon: 128.977412 W

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

Day 2 water sampling

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: 206ar Event #: 18 Vessel: Vector UTC Date (dd/mmm/yyyy): 25 May 2023

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		34	170			✓							Flushed.
2													
3													
4		35	2			✓							Not flushed
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 180 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:48:49	07:49
Bottom (BO)	14:48:48	07:48
End (EN)	:	:

Positional Information

Start	Lat: <u>53.416120</u>	N
	Lon: <u>128.525833</u>	W
Bottom	Lat: <u>53.416087</u>	N
	Lon: <u>128.525859</u>	W
Finish	Lat: <u>53.416098</u>	N
	Lon: <u>128.525826</u>	W

wt 292
 293
 WP 294

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: 2023-35

Station: 3GAR

Event #: 19

Vessel: Vooten

UTC Date (dd|mmm|yyyy): 25 | May | 2023

+7

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	187			✓													Flushed
2																			
3																			
4		37	2			✓													Not flushed
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 197 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:33:08	20:33
Bottom (BO)	15:38:08	20:38
End (EN)	:	00:41

Positional Information
 Start
 Lat: 53.443485 N
 Lon: 128.573574 W

Bottom
 Lat: 53.443590 N
 Lon: 128.573673 W

Finish
 Lat: 53.443590 N
 Lon: 128.573519 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
Slack wire shortly after descent began

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: 6 GAR Event #: 20 Vessel: Yector UTC Date (dd|mmm|yyyy): 25 May 2023

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		38	33			✓													flushed
2																			
3																			
4		39	2			✓													Not flushed
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 43 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	10:42:09	42
Bottom (BO)	:	:
End (EN)	16:46:09	46

Positional Information

Lat: <u>53.495837</u>	N
Lon: <u>128.724057</u>	W

WP 298

Bottom

Lat: <u>53.495954</u>	N
Lon: <u>128.724005</u>	W

WP 299

Finish

Lat: <u>53.495991</u>	N
Lon: <u>128.723970</u>	W

WP 300

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: 2023-35 Station: 60 GAR NWT Event #: 21 Vessel: Vedon UTC Date (dd|mmm|yyyy): 25 | May | 2023

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		40	180	175		✓									175	✓	175	90	All flushed
2		41	75	150		✓									150	✓	150	870	1.5 min
3		42	50	100		✓									100	✓	100	50	
4		43	20	50		✓									50	✓	50	30	
5		44	15	20		✓									20	✓	20	20	
6		45	5	5		✓									5	✓	5	5	
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS
 Ros (default) | TrMet/Ros | X-Niskin
 Watchkeeper(s):
CR.1

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

Time	UTC	Local
Start (BE)	17:29	10:24
Bottom (BO)	17:28	10:28
End (EN)	17:45	10:45

Positional Information
 Start
 Lat: 53.496512 N
 Lon: 128.710653 W

Bottom
 Lat: 53.496496 N
 Lon: 128.710758 W

Finish
 Lat: 53.496652 N
 Lon: 128.711033 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
NWT cast
lots of stops wires
issues w/shackles

Version: 14 February 2013

Transmissometer and Fluorometer are to be cleaned before each cast -- do not use Ammonia products

Standards for Sample Collection: WaterProperties.ca/standards

*Lots of currents
 Issues bringing it onboard
 because tangled etc*

*WP 301
 WP 303
 WP 304
 slacking*

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: 13GAR Event #: 22 Vessel: Vecten UTC Date (dd|mmm|yyyy): 25 | May | 2023

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		46	183			✓												flushed.
2																		
3																		
4		47	2			✓												not flushed
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB ER

Bottom Depth: 1903 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:12	12:12
Bottom (BO)	19:15	12:105
End (EN)	19:21	12:21

Positional Information
 Start
 Lat: 53.537308 N
 Lon: 128.767278 W

Bottom
 Lat: 53.537238 N
 Lon: 128.767267 W

Finish
 Lat: 53.537088 N
 Lon: 128.767555 W

306
307

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

Triump Bay "Nearshore" surface Surface nutrient samples

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: ARMG Event #: 23 Vessel: Palmira UTC Date (dd|mmm|yyyy): 25 May 2023

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		48				✓									Near surface Near surface
2		49				✓									
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Bottom Depth: 42 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	:	12:49
Bottom (BO)	:	:
End (EN)	:	12:53

Positional Information of sample 48
 Lat: 53° 28.969 N
 Lon: 128° 42.906 W

▼ sample 49
 Lat: 53° 28.285 N
 Lon: 128° 42.120 W

▼
 Lat: . . N
 Lon: . . W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
 These are near surface nutrient samples from a small boat adjoining inlet

dup

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35

Station: 46AR

Event #: 24

Vessel: Veces

UTC Date (dd|mmm|yyyy): 25|May|2023

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	163			✓							
2		51											
3		51	163			✓							Dup of #50
4		52	2			✓							Duplicate of #53
5													Launched at same time as bot 4.
6		53	2			✓							
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB ER

Bottom Depth: 163 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:11	14:11
Bottom (BO)	21:15	14:15 ²²
End (EN)	21:19	14:19

Positional Information

Start	Lat	Lon	
	53.57037	128.793335	N W

Start
Bottom
Finish

Bottom	Lat: 53.57091	Lon: 128.793270	N W
--------	---------------	-----------------	--------

Finish	Lat: 53.571077	Lon: 128.793670	N W
--------	----------------	-----------------	--------

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
 Bot 1-3 launched together
 Bot 4-6 launched together

wp 309

wp 310

51 Duplicates were collected from ~~se~~
 different bottles triggered from same latch
 on SBE 55 rosette

switch on, switch

Water Properties Group *KoDev* Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: ~~4672~~ Event #: 25 Vessel: Vector UTC Date (dd|mmm|yyyy): 25 | May | 2023

Fring
#1

#2

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	135	55	130			✓													
2		55																	
3	57	56	130			✓													Duplicate
4	56	56	2			✓													
5																			
6	58	58	2			✓													Duplicate
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 146 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:01	15:01
Bottom (BO)	22:06	15:06
End (EN)	22:08	15:08

Positional Information

Start
 Lat: 53.612079 N
 Lon: 128.823905 W

Bottom
 Lat: 53.611984 N
 Lon: 128.824189 W

Finish
 Lat: 53.611999 N
 Lon: 128.824086 W

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

5
15
30
50
75
100
WP310
WP310R
WP312
WP313

Water Properties Group ^{10 Dev N} Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-46

Station: ~~10 Dev N~~ ^{10 Dev N}

Event #: 20

Vessel: Ketchikan

UTC Date (dd|mmm|yyyy): 25 | May | 2023

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								Target	Depth
1	1	59	100	139		✓										139	✓
2	2	60	75	100		✓										100	✓
3	3	61	75 50	75		✓										75	✓
4	4	62	75 30	50		✓										50	✓
5	5	63	75 15	20		✓										20	✓
6	6	64	75 5	5		✓										5	
7	7	65	75														
8	8	66	75														
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):
CB

Bottom Depth: 149 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:44	15:40
Bottom (BO)	22:48	15:48
End (EN)	23:01	16:01

Positional Information

Start	Lat: 53.612126	N
	Lon: 128.823993	W

Bottom

Lat: 53.612093	N
Lon: 128.823984	W

Finish

Lat: 53.612160	N
Lon: 128.824163	W

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

D-2023-46

WP314

WP314

WP315

WP316

Begin Day 3 water sampling

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35

Station: 11 Ver

Event #: 27

Vessel: Vector

UTC Date (dd|mmm|yyyy): 26 | May | 2023

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	65	163			✓												Flushed
2	1																	Flushed
3	1	66	163			✓												
4	2	67	2m			✓												Not flushed
5	2					✓												
6	2	68	2m															not flushed
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 173 m
 Transmissio Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16:11	09:11
Bottom (BO)	16:16	09:16
End (EN)	16:19	09:19

Positional Information
 Start
 Lat: 53.556699 N
 Lon: 128.854383 W

Bottom
 Lat: 53.556732 N
 Lon: 128.854516 W

Finish
 Lat: 53.556763 N
 Lon: 128.854413 W

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

WP 318

WP 319

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: 14ver Event #: 28 Vessel: Vector UTC Date (dd|mmm|yyyy): 26|May|2023

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		69	187	197		✓												flushed
2																		flushed
3		70	187	197		✓												
4		71	2			✓												not flushed
5																		
6		72	2			✓												not flushed
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 207 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:13	10:13
Bottom (BO)	17:16	10:16
End (EN)	17:21	10:21

Positional Information
 Start
 Lat: 53.570914 N
 Lon: 128.971911 W

WP321

Bottom
 Lat: 53.571281 N
 Lon: 128.971553 W

WP322

Finish
 Lat: 53.570854 N
 Lon: 128.971597 W

WP323

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: 2023-035

Station: Kver-ut

Event #: 29

Vessel: Vecten

UTC Date (dd|mmm|yyyy): 26 | May | 2023

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	73	221															bot ✓ 5 flushed
2	2	74	150															150 ✓ 20 "
3	3	75	100															100 ✓ 50 "
4	4	76	50															50 ✓ 100 "
5	5	77	20															20 ✓ 150 "
6	6	78	5															5 bott "
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 231 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:59	10:59
Bottom (BO)	18:03	11:03
End (EN)	18:19	11:19

Positional Information

Start	Lat: <u>53.562920</u> N
	Lon: <u>128.967472</u> W

Bottom

Lat: <u>53.562986</u> N
Lon: <u>128.967473</u> W

Finish

Lat: <u>53.563597</u> N
Lon: <u>128.968847</u> W

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

WP 329

WP 325

WP 326

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 20²³3-35

Station: 22 WRS

Event #: 30

Vessel: Vecten

UTC Date (dd|mmm|yyyy): 26 | May | 2023

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		79	70			✓												flushed
2																		
3		80	70			✓												flushed
4		81	2			✓												not flushed
5																		
6		82	2			✓												not flushed
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 80 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:18	12:12
Bottom (BO)	19:14	12:14
End (EN)	19:16	12:16

Positional Information

Start	Lat: 53.519621	N
	Lon: 128.976644	W

Bottom

Lat: 53.519657	N
Lon: 128.976674	W

Finish

Lat: 53.519651	N
Lon: 128.976753	W

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: 10 URS Event #: 31 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | May | 2023

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		83				✓												
2																		
3																		
4		84	2			✓												
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 70 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:57	12:57
Bottom (BO)	19:59	12:59
End (EN)	20:01	13:01

Positional Information

Start	Lat: <u>53.519721</u>	N
	Lon: <u>128.976695</u>	W

Bottom

	Lat: <u>53.463259</u>	N
	Lon: <u>128.952783</u>	W

Finish

	Lat: <u>53.463207</u>	N
	Lon: <u>128.952574</u>	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
lots comments caught someone smoking then fueling occurred

WP 330

WP 331

WP 332

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-35 Station: 17 Urs Event #: 34 Vessel: Vedon UTC Date (dd|mmm|yyyy): 06 | May | 2023

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	9/1	477			2												flushed
2																		
3																		
4	2	9/6	2			✓												not flushed
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):
CB, FR

Bottom Depth: 487 m
 Transmissometer Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	21:29	14:29
Bottom (BO)	21:41	14:31
End (EN)	21:51	14:51

Positional Information
 Start
 Lat: 53.373939 N
 Lon: 128.897106 W

Bottom
 Lat: 53.373929 N
 Lon: 128.896914 W

Finish
 Lat: 53.373989 N
 Lon: 128.896575 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
Stopped mid-depth had issues w/ winch.

AB
No water collected
as downed / triggered
@ 275m

unsure if bottom bottles were closed @ bottom

N

Rede. EPNA cast

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2023-035 Station: FURS ~~North~~ Event #: 35 Vessel: Vectra UTC Date (dd|mmm|yyyy): 26 | May | 2023

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	89 89	477 477																						
2	1	92																							
3	1	93																							
4	2	94 90	2																						
5	2	95																							
6	2	96																							
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									

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

Bottom Depth: 487 m
 Transmissio Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>22:35</u>	<u>15:25</u>
Bottom (BO)	<u>22:39</u>	<u>15:34</u>
End (EN)	<u>22:46</u>	<u>15:46</u>

Positional Information

Start
 Lat: 53.374209 N
 Lon: 128.896333 W

Bottom
 Lat: 53.374255 N
 Lon: 128.896391 W

Finish
 Lat: 53.374208 N
 Lon: 128.890515 W

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

Smith

WP336

337

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 8023-35 Station: 17MYS-NWT Event #: 36 Vessel: Vector UTC Date (dd|mmm|yyyy): 26 | May | 2023

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		91	250			✓										250	✓	All flushed.
2		92	150			✓										150	✓	
3		93	100			✓										100	✓	
4		94	50			✓										50	✓	
5		95	20			✓										20	✓	
6		96	5			✓										5	✓	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
CB, ER

Bottom Depth: 487 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>23:28</u>	<u>16:28</u>
Bottom (BO)	<u>23:39</u>	<u>16:38</u>
End (EN)	<u>23:58</u>	<u>16:58</u>

Positional Information

Start	Lat: <u>53.374087</u>	N
	Lon: <u>128.896686</u>	W

Bottom

Lat: <u>53.374032</u>	N
Lon: <u>128.896672</u>	W

Finish

Lat: <u>53.373948</u>	N
Lon: <u>128.897313</u>	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
No bottom bottle since collected previous casts

WP
339

WP
340

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: _____ Station: N12 Event #: 37 Vessel: Veeter UTC Date (dd|mmm|yyyy): 27 | May | 2023

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	97	200			✓												Flushed
2	1	98																
3	1	99																
4	2	98	90m			✓												Flushed
5	2																	
6	2	100																
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 220 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time 0101 UTC Local (May 26)
 Start (BE) 00:55 17:55 1804
 Bottom (BO) 01:06 18:06
 End (EN) 01:14 18:14

Positional Information
 Start
 Lat: 53.357753 N WP 342
 Lon: 128.917151 W

Bottom
 Lat: 53.357806 N WP 343
 Lon: 128.917120 W

Finish
 Lat: 53.357768 N WP 344
 Lon: 128.917093 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
EDVA @ 90m instead of 2m