

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: G001 Event #: 1-4 Vessel: Neocalignis UTC Date (dd|mmm|yyyy): 03 | Mar | 2018

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	HPLC	phyto					
1		1	380m	✓		X	xt		X							w/ CTD
2		2	0m	✓		X	X	xx	X	xy	X					
3		3	5	✓		X	X		xx							
4		4	10	✓		XX	X		x							
5		5	20	✓		X	X		X							
6																
7																
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: 406 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>23:21</u>	:
Bottom (BO)	<u>23:35</u>	:
End (EN)	<u>23:48</u>	:

Positional Information

Lat:	<u>47° 15' .013</u>	N
Lon:	<u>173° 45' .019</u>	W

Start

Lat:	°	.	N
Lon:	°	.	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)

1st Niskin springs too loose

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: CFFI Event #: 6 Vessel: Neocaligvs UTC Date (dd|mmm|yyyy): 04 | Mar | 2018

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		6	B-13			x	x			x						w/CTD
2		7	0			x	x			x						leaky Niskin
3		8	5			x	x			x						
4		9	10			x	x			x						
5		10	20			x	x			x						
6																
7																
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):
KY MM

Bottom Depth: 248 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

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

Positional Information
Start Lat: 49 ° 22 . 100 N
Lon: 124 ° 4 . 866 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)

+ 5 samples?

Bottom ~ 245 m

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: Station 2 Event #: 8 Vessel: Neocaligis UTC Date (dd|mmm|yyyy): 04 | Mar | 2018

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	HPLC						
1		11	0m	✓				XX	XX						
2															
3															
4															
5															
6															
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):

Bottom Depth: 280 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:53	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Lat:	49° 24' . 123	N
Lon:	124° 9' . 258	W

Start

▼

Lat:	°	.	N
Lon:	°	.	W

Bottom

▼

Lat:	°	.	N
Lon:	°	.	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: 2018-96 Station: 3 Event #: 10 Vessel: Neocaligus UTC Date (dd|mmm|yyyy): 04 | Mar | 2018

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	0	✓				xx	xx								
2																	
3																	
4																	
5																	
6																	
7																	
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):
KY MAM

Bottom Depth: 32.4 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18:54	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start
Lat: 49° 26.613 N
Lon: 124° 20.279 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 6 Event #: 12 Vessel: Neordigus UTC Date (dd|mmm|yyyy): 04 | May | 2018

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		18	0	✓				xy	xy						
2															
3															
4															
5															
6															
7															
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: 192 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:51	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start

Lat: 49° 30.659 N

Lon: 124° 27.795 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)

* sample #'s out of order w/ CPF2, this station was 1st

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: CPF2 Event #: 14-15 Vessel: Neocaliguis UTC Date (dd|mmm|yyyy): 04 | Mar | 2018

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	HAC	DIC						
1		13	6-13	✓		X	X			XX						B-13m w/CTD
2		14	0	✓		X	X			X						on pole
3		15	5	✓		X	X			X						on wire
4		16	10	✓		XX	X			X						I
5		17	20	✓		X	X			X						
6																
7																
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):
KY, MM

Bottom Depth: 327 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 21:03 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 49° 28' . 030 N
Lon: 124° 29' . 950 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)

attached w/ CTD, 3m above CTD to B-10m Sample #'s 14-17 reserved if water sampling for DIC

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 9 Event #: 17 Vessel: Neoraligus UTC Date (dd|mmm|yyyy): 04 | Mar | 2018

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	HPLC									
1		19	0					xx	xx									
2																		
3																		
4																		
5																		
6																		
7																		
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):
KY MM

Bottom Depth: 168 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:11	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Start
Lat: 49° 35' .450 N
Lon: 124° 38' .341 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: BS-11 Event #: 19-20 Vessel: Neocaligus UTC Date (dd|mmm|yyyy): 01 | Mar | 2018

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	HPLC	photo	DOC							
1		20	B-13m	✓		xx	x				x							done w/CTD Vertical nozzle leak
2		21	0	✓		x	x	x	x	x	x							
3		22	5	✓		x	x				x							
4		23	10	✓		x	x				xx							
5		24	20	✓		x	xx				x							
6																		
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):
KY, MM

Bottom Depth: 60 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	23:56	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start

Lat: 49° 29.049 N

Lon: 124° 46.081 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 11 Event #: 23-24 Vessel: Neocaligis UTC Date (dd|mmm|yyyy): 5 | Mar | 2018

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		25	B-13	✓		Y	Y		X									If Limacina here Good NUT
2		26	0	✓		Y	Y		X									
3		27	5	✓		X	X		X									
4		28	10	✓		X	YX		YX									
5		29	20	✓		XX	X		X									
6																		
7																		
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):
KY. MM

Bottom Depth: 301 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	16:47	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Start
Lat: 49 ° 42 . 330 N
Lon: 124 ° 43 . 561 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)
B-13 on CTD
5-20 on water diff
0 m on pole

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 12 Event #: 26 Vessel: Neocaligus UTC Date (dd|mmm|yyyy): 5 | Mar | 2018

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	H2C	Phyto							
1		30	0	✓				xy	xy	y							
2																	
3																	
4																	
5																	
6																	
7																	
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):
KY, MM

Bottom Depth: 358 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:22	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Lat: 49° 43.585' N
Lon: 124° 40.879' W

Start

Lat: ° . N
Lon: ° . W

Bottom

Lat: ° . N
Lon: ° . W

Finish

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

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 22 Event #: 2931 Vessel: Neocaligis UTC Date (dd|mmm|yyyy): 5 | Mar | 2018

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	HPDC	pyro	DIC					
1		31	B-13			x	x				x					w/CTD
2		32	0			x	x	xx	xx	x	x					surf on pole (leaky)
3		33	5			xx	x				xx					chain on wire
4		34	10			x	x				x					↓
5		35	20			x	xx				x					
6																
7																
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: 351 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20:58	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Start
Lat: 49° 40.051 N
Lon: 124° 16.539 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 24 Event #: 34-36 Vessel: Neocaliguis UTC Date (dd|mmm|yyyy): 5 | Mar | 2018

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		8-13	36	✓		x	x		x									
2		0	37	✓		x	x		x									leaky niskin
3		5	38	✓		xx	✓		x									
4		10	39	✓		x	x		x									
5		20	40	✓		x	xx		xx									
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 426 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	23:41	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Start
Lat: 49° 30.434 N
Lon: 124° 6.066 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-96 Station: 28 Event #: 8-40 Vessel: Neocaligus UTC Date (dd|mmm|yyyy): 06 | Mar | 2018

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	HPLC	DIC							
1		41	B-13	✓		X	X			X							
2		42	0	✓		X	X	XX	XX	X							leaky Niskin
3		43	5	✓		X	X			X							slow drip spout
4		44	10	✓		XX	X			XX							
5		45	20	✓		X	X			X							
6																	
7																	
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: 135 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16 : 41	8 : 41
Bottom (BO)	:	:
End (EN)	:	:

Positional Information
Lat: 49 ° 24 . 125 N
Lon: 123 ° 45 . 332 W

Start

Lat: ° . N
Lon: ° . W

Bottom

Lat: ° . N
Lon: ° . 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: 2018-96 Station: 27 Event #: 42 Vessel: Neocaliguis UTC Date (dd|mmm|yyyy): 6 | Mar | 2018

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	HALE	ph								
1		46	0	✓				yy	xy	x								leaky Niskin
2																		
3																		
4																		
5																		
6																		
7																		
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: 348 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	17:34	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start

Lat: 49 ° 19 . 109 N

Lon: 123 ° 48 . 009 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)

Cruise ID: 2018-96 Station: 39 Event #: 46 Vessel: Neocaliguis UTC Date (dd|mmm|yyyy): 6 | Mar | 2018

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		47	0	✓				xy	xx						
2															
3															
4															
5															
6															
7															
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: 368 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

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

Positional Information

Start

Lat: 47 ° 9 . 783 N

Lon: 123 ° 32 . 899 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)