

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Core_Samples				Comments	
			Target Pressure	Confirmed Pressure	MG/K	L	L/K	MG	HG	MG	M	M							Save sheet after printing labels: YES	
				✓	OXY	Nut-F	DIC	CHL	HPLC	Sal	Lugol's	FLC								
1	1	1	Bot-5	✓	235	x	x	x			xx								FLUID A LOGGED LINE	
2	2	2	200	✓	200	x	x	xx												
3	3	3	150	✓	150	xx	x	x												
4	4	4	100	✓	100	x	xx	x												
5	5	5	75	✓	75	x	✓ x	x												
6	6	6	50	✓	50	x	x	x												
7	7	7	30	✓	30	x	x	x												
8	8	8	20	✓	20	x	x	xx												
9	9	9	10	✓	10	x	x	x												
10	10	10	5	✓	5	xx	x	x	xx		x									
11	11	11	0	✓	2.8	x	x	x												
12	12	12	0	✓	2.8		x		x	xx		x	x							
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Profile type:

ROS

Watchkeeper(s):

MLG

Bottom Depth:

235

Trans Clean:

Y

FI. Clean:

Y

Par Status:

On

Off

Time

UTC

Local

Start

0326

2020

Bottom

0326

End

0346

Positional Information

Start

Lat: 48 ° 36.814 N

Lon: 123 ° 14.882 W

Bottom

Lat: 48 ° 36.82 N

Lon: 123 ° 14.881 W

End

Lat: 48 ° 36.808 N

Lon: 123 ° 14.865 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed ✓ / Pressuré	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's					Save sheet after printing labels: YES
1		13	Bot-10	✓ 179		xx	xx									
2		14	5	✓ 5.9			x	xx								
3		15	0	✓ 2.8		x		x	xx	x	x					
4																
5																
6																
7																
8																
9																
10																
11																
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14																
15																
16																
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21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): S Kaffissen

Bottom Depth: 186

Trans Clean: (Y) N Fl. Clean: (Y) N

Par Status: (On) / Off

Time	UTC	Local
Start	08:59	0159
Bottom	09:02	
End	09:10	

Positional Information

Start	Lat: 48 ° 18.024 N
Lon: 124 ° 0.164 W	

Bottom	Lat: 48 ° 18.036 N
Lon: 124 ° 0.179 W	

End	Lat: 48 ° 18.048 N
Lon: 124 ° 0.192 W	

Extra comments:

Water Properties Group

Program
STN List: All_Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008

Station: P1

Event #: 9

Ship: JP Tully

UTC Date (dd-mm-yyyy): 15-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed Pressure	SK/SL	AT	AT/SK	SK	SK									Save sheet after printing labels: YES	
				✓	OXY	Nut-F	DIC	CHL	HPLC										
1		16	Bot-10	✓	105	x	x	xx											
2		17	30	✓	29.7	x	x	x											
3		18	5	✓	4.6	xx	x	x											
4		19	5	✓	4.6				x	xx									
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth:

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time

UTC

Local

Start

15:23

08:33

Bottom

15:26

End

15:33

Positional Information

Start

Lat: 48 ° 34.54 N

Lon: 125 ° 29.998 W

Bottom

Lat: 48 ° 34.548 N

Lon: 125 ° 30.000 W

End

Lat: 48 ° 34.557 N

Lon: 125 ° 30.01 W

Extra comments:

Version: 01-Dec-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed Pressure	SIS/SR	L	AT/MG				DMS	DMSP-d	DMSP-t	CHL	HPLC			Save sheet after printing labels
				✓														YES
1		20	Bot-10	✓	103	x	x	x	x	x								
2		21	100	✓	100	x	x	xx	x	x								
3		22	100	✓	100						x	x	x	x				
4		23	75	✓	75	xx	x	x	x	x								
5		24	75	✓	75						x			x				
6		25	50	✓	50	x	x	x	xx	xx								
7		26	50	✓	50						x			x				
8		27	40	✓	40		xx				x			xx				
9		28	30	✓	31		x				x			x	xx			
10		29	25	✓	25	x	x	x	x	x								
11		30	25	✓	25						x			x	xx			
12		31	20	✓	20		x				xx	xx	xx	x	xx			
13		32	15	✓	15		x				x			x	xx			
14		33	10	✓	11	xx	x	x	x	x								
15		34	10	✓	11						x			x	xx			
16		35	5	✓	5	x	x	x	x	x								
17		36	5	✓	5						x	x	x	x	xx			
18		37	0	✓	3		x				x	x	x	xx				
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): SR

Bottom Depth: 116

Trans Clean: (Y) N Fl. Clean: (Y) N

Par Status: (On) / Off

Time	UTC	Local
Start	1803	11:03
Bottom	1806	
End	1820	

Positional Information

Lat:	48° 36.017	N
Lon:	126° 0.036	W

Start

Lat:	48° 36.03	N
Lon:	126° 0.023	W

Bottom

End

Lat:	48° 36.062	N
Lon:	125° 59.946	W

Extra comments:

Water Properties Group

Program STN List: All_Sins

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008 Station: P3 Event #: 13 Ship: JP Tully UTC Date (dd-mm-yyyy): 15.09.2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC									
1		38	5		x	x	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

Watchkeeper(s): MG

Bottom Depth: 813

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2048	1348
Bottom	2102	1402
End	2117	

Positional Information

Start	Lat: 48 ° 37.506 N
	Lon: 126 ° 19.95 W
Bottom	Lat: 48 ° 37.594 N
	Lon: 126 ° 19.929 W
End	Lat: 48 ° 37.51 N
	Lon: 126 ° 19.938 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments		
			Target Pressure	Confirmed Pressure	MA / MB AT					MG AM RM K					Save sheet after printing labels:		
				✓	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	Form	Glut	Lugol's	YES		
1		39	600	✓ 600	x	x	x	x	x								
2		40	400	✓ 400	x			x	x								
3		41	300	✓ 300	x			x									
4		42	200	✓ 200	x	x	x	x									
5		43	150	✓ 150	x	x	x	x									
6		44	100	✓ 100	x			x		x							
7		45	75	✓ 76	x			x		x							
8		46	60	✓ 60				xx		x	xx						
9		47	50	✓ 49	x			x		x	xx						
10		48	40	✓ 39	x			x		x	xx						
11		49	30	✓ 30	x	x	x	x		x	xx						
12		50	25	✓ 25	x			x		xx							
13		51	20	✓ 20	xx	xx	xx	x		x							
14		52	15	✓ 15	x			x		x	xx						
15		53	10	✓ 10	x			x		x							
16		54	5	✓ 5	x	x	x	x									
17		55	5	✓ 5				x		x	xx	x	x	x			
18		56	0		x	x	x	x		xx							
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 1324

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2314	1614
Bottom	2326	
End	2354	

Positional Information

Start

Lat: 48° 38.805 N

Lon: 126° 39.971 W

Bottom

Lat: 48° 38.73 N

Lon: 126° 39.913 W

End

Lat: 48° 38.7 N

Lon: 126° 39.85 W

Extra comments:

DMS

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples								Comments
			Target Pressure	Confirmed ☒ Pressure	Me-d	Me-t	Sal	Nut-F	Nut-C									
1		57	800		x	x	x	x	x									
2		58	600		xx	xx												
3		59	400		x	x												
4		60	200		x	x												
5		61	150		x	x												
6		62	100		x	x												
7		63	75		x	x												
8		64	50		x	x												
9		65	35		x	x												
10		66	10		x	x												
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS BOT

Watchkeeper(s): MG

Bottom Depth: 1317

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0050	1750
Bottom	0142	
End	02:38	

Positional Information

Start	Lat: 48 ° 38.975 N
	Lon: 126 ° 39.965 W
Bottom	Lat: 48 ° 38.949 N
	Lon: 126 ° 39.971 W
End	Lat: 48 ° 39.963 N
	Lon: 126 ° 39.914 W

Extra comments:

TM

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

P4

Event #:

17

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

16.09.24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:				Core Samples				Comments	
			Target Pressure	Confirmed Pressure	MG/	OXY	Sal	Nut-F	Nut-C	DIC	DOC	TOC	CDOM	ONAr				Save sheet after printing labels: YES	
1		67	Bot-10	✓	1320	x		x	x	x	x	x	x						
2		68	1250	✓	1250	x	x	xx	xx	x	x	x	x						
3		69	1000	✓	1000	x	xx	x	x	x	x	x	x						
4		70	800	✓	800	x	x	x	x	x	x	x	x						
5		71	600	✓	599	x		x	x	xx	x	x	x						
6		72	400	✓	400	xx		x	x	x	x	x	x						
7		73	300	✓	300	x		x		x	x	x	x						
8		74	250	✓	250	x		x		x	x	x	x						
9		75	200	✓	200	x		x		x	x	x	x						
10		76	175	✓	175	x		xx		x	x	x	x						
11		77	150	✓	150	xx		x		x	x	x	x						
12		78	125	✓	125	x		x		x	x	x	x						
13		79	100	✓	99	x		x		x	x	x	x						
14		80	75	✓	76	x		x		x	x	x	x						
15		81	50	✓	50	x		x		xx	xx	xx	xx						
16		82	25	✓	24	xx		x		x	x	x	x						
17		83	10	✓	10	x		x		x	x	x	x						
18		84	5	✓	5	x		x		x	x	x	x						
19		85	5	✓	6									x					
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 1318

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0305	2005
Bottom	0328	
End	0416	

Positional Information

Lat:	48 ° 38.959	N
Lon:	126 ° 39.936	W

Lat:	48 ° 38.954	N
Lon:	126 ° 39.987	W

Lat:	48 ° 38.829	N
Lon:	126 ° 39.859	W

Extra comments:

Deep

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed Pressure	CHL	Nut-F	Sal	13C	C/NO3	C/NH4	N fix	Denitri	POM	NH4	Save sheet after printing labels: YES	
1		86	1%	✓ 44	x	x	x									
2		87	1%	✓ 44				X	X							
3		88	1%	✓ 44						X	X					
4		89	1%	✓ 44							X	X	X			
5		90	15%	✓ 7	x	x	x									
6		91	15%	✓ 7				X	X							
7		92	15%	✓ 7						X	X					
8		93	15%	✓ 7							X	X	X			
9		94	30%	✓ SWFF	x	x	x									
10		95	30%	✓				X	X							
11		96	30%	✓						X	X					
12		97	30%	✓							X	X	X			
13		98	50%	✓		x	x	x								
14		99	50%	✓				X	X							
15		100	50%	✓						X	X					
16		101	50%	✓							X	X	X			
17		102	100%	✓		x	x	x								
18		103	100%	✓				X	X							
19		104	100%	✓						X	X					
20		105	100%	✓							X	X	X			
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 1321

Trans Clean: (Y) / N Fl. Clean: (Y) / N

Par Status: (On) / Off

Time	UTC	Local
Start	06:48	2348
Bottom	06:54	
End	07:05	

Positional Information

Lat: 48 °39.005	N
Lon: 126 °40.326	W

Start

Lat: 48 °38.965	N
Lon: 126 °40.241	W

Bottom

End

Lat: 48 °38.887	N
Lon: 126 °40.24	W

Extra comments:

Prod

CTD to 250 m please ✓

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	ONAr					Save sheet after printing labels	YES		
1		106	5	/ 5	x	x	xx									
2		107	5	/ 5				x								
3																
4																
5																
6																
7																
8																
9																
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18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): SLX

Bottom Depth: 2086

Trans Clean: (Y) N Fl. Clean: (Y) N

Par Status: (On) / Off

Time	UTC	Local
Start	0959	0259
Bottom	1035	
End	1109	

Positional Information

Start	Lat: 48 ° 41.483	N
	Lon: 127 ° 9.544	W
Bottom	Lat: 48 ° 41.497	N
	Lon: 127 ° 9.984	W
End	Lat: 48 ° 41.456	N
	Lon: 127 ° 9.967	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	ONAT					Save sheet after printing labels: YES			
1	1	108	5	✓ 5.9	x	x	xx									
2	2	109	5	✓ 5.9				x								
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
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17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 2156

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	14:60	07:00
Bottom	14:34	
End	15:08	

Positional Information

Start	Lat: 48 ° 44.612	N
	Lon: 127 ° 39.967	W
Bottom	Lat: 48 ° 44.597	N
	Lon: 127 ° 39.951	W
End	Lat: 48 ° 44.602	N
	Lon: 127 ° 39.943	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments	
			Target Pressure	Confirmed Pressure	MA/AT	MG + L	AT	K	K + Mar	M.G.	L						Save sheet after printing labels:	
				✓	OXY	Sal	Nut-F	Nut-C	DOC	CDOM	CHL	HPLC	ONa					YES
1		110	2000	✓	2000	xx	xx	x	x	x	x							
2		111	1500	✓	1500	x	x	x	x	x	x							
3		112	1250	✓	1250	x	x	x	x	x	x							
4		113	1000	✓	1002	x	x	x	x	x	x							
5		114	800	✓	800	x	x	xx	xx	x	x							
6		115	600	✓	599	xx		x	x	x	x							
7		116	400	✓	401	x		x	x	x	x						60 sec wait ↓	
8		117	300	✓	300	x		xx		x	x							
9		118	250	✓	250	x		x		x	x							
10		119	200	✓	200	x		x		x	x							
11		120	150	✓	150	x		x		x	x							
12		121	125	✓	125	xx		x		x	x							
13		122	100	✓	100	x		x		x	x	x						
14		123	75	✓	75	x		x		x	x	x						
15		124	60	✓	60	x		x		x	x	x	xx				0.6716	
16		125	50	✓	50	x		x		x	x	x	xx				1.221	
17		126	40	✓	40	x		x		x	x	x	xx				2.041	
18		127	30	✓	30	xx		x		x	x	x	xx				6.96	
19		128	25	✓	25	x		x		xx	xx	x					6.13	
20		129	20	✓	21	x		x		x	x	xx					5.79	
21		130	15	✓	15	x		x		x	x	x	xx				5.01	
22		131	10	✓	10	x		x		x	x	xx					4.27	
23		132	5	✓	5	x		x		x	x							
24		133	5	✓	5							x	xx	x			3.42	

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 2514

Trans Clean: Y N Fl. Clean: Y N

Par Status: On Off

Time

UTC

Local

Start

2018

1318

Bottom

2054

End

2202

Positional Information

Start

Lat: 48 ° 48.958 N

Lon: 128 ° 39.881 W

Bottom

Lat: 48 ° 48.908 N

Lon: 128 ° 39.99 W

End

Lat: 48 ° 48.823 N

Lon: 128 ° 40.01 W

Extra comments:

DEEP CAST 2005

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments
			Target Pressure	Confirmed ✓ Pressure	Nut-F	Sal	CHL	HPLC	ONAr						
1		134	5	✓	x		x	xx							
2		135	5	✓					x						
3															CHL max 40
4															2.96
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 2635

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0236	1936
Bottom	0312	
End	0345	

Positional Information

Start	Lat: 48 ° 53.585	N
	Lon: 129 ° 39.978	W
Bottom	Lat: 48 ° 53.596	N
	Lon: 129 ° 39.963	W
End	Lat: 48 ° 53.601	N
	Lon: 129 ° 40.017	W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008

Station: P12

Event #: 30

Ship: JP Tully

UTC Date (dd-mm-yyyy): 17-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples										Comments			
			Target Pressure	Confirmed Pressure	SR	CHL	Nut-F	Sal	13C	C/NO3	C/NH4	N fix	Denitri	POM	NH4						
			✓	✓																	
1	1	136	1%	✓	46	x	x	x													
2	2	137	1%	✓	46				X	X											
3	3	138	1%	✓	46						X	X									
4	4	139	1%	✓	46							X	X	X							
5	5	140	15%	✓	12	x	x	x													
6	6	141	15%	✓	12				X	X											
7	7	142	15%	✓	12						X	X									
8	8	143	15%	✓	12							X	X	X							
9	9	144	30%	✓	7	x	x	x													
10	10	145	30%	✓	7				X	X											
11	11	146	30%	✓	7						X	X									
12	12	147	30%	✓	7							X	X	X							
13	13	148	50%	✓	3	x	x	x													
14	14	149	50%	✓	3				X	X											
15	15	150	50%	✓	3						X	X									
16	16	151	50%	✓	3							X	X	X							
17	17	152	100%	✓	3	x	x	x													
18	18	153	100%	✓	3				X	X											
19	19	154	100%	✓	3						X	X									
20	20	155	100%	✓	3							X	X	X							
21																					
22																					
23																					
24																					

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): S.K

Bottom Depth: 3223

Trans Clean: (Y) / N Fl. Clean: (Y) / N

Par Status: (On) / Off

Time UTC Local

Start 07:40 00:41

Bottom 07:45 00:45

End 07:55 00:55

Positional Information

Start Lat: 48 ° 58.21 N Lon: 130 ° 39.925 W

Bottom Lat: 48 ° 58.201 N Lon: 130 ° 39.916 W

End Lat: 48 ° 58.182 N Lon: 130 ° 39.892 W

Extra comments:

Productivity

Water Properties Group

Program
STN List:

All_Sns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC



Cruise ID:

2024-008

Station:

P12

Event #:

32

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

17 Sep 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure	OXY	Sal	Nut-F	Nut-C	DIC	TOC	DOC	CDOM	Save sheet after printing labels: YES			
1		156	Bot-10	✓ 3277	x		xx	xx	x	x	x	x				
2		157	3000	✓ 3000	x	x	x	x	x	x	x	x				
3		158	2500	✓ 2500	xx	xx	x	x	x	x	x	x				
4		159	2000	✓ 2001	x	x	x	x	x	x	x	x				
5		160	1500	✓ 1501	x	x	x	x	x	x	x	x				
6		161	1250	✓ 1250	x	x	x	x	xx	x	x	x				
7		162	1000	✓ 1000	x	xx	x	x	x	x	x	x				
8		163	800	✓ 801	x	x	x	x	x	x	x	x				
9		164	600	✓ 601	xx		x	x	x	x	x	x				
10		165	400	✓ 400	x		x	x	x	x	x	x				
11		166	300	✓ 299	x		xx		x	x	x	x				
12		167	250	✓ 250	x		x		x	x	x	x				
13		168	200	✓ 200	x		x		x	x	x	x				
14		169	175	✓ 175	x		x		x	x	x	x				
15		170	150	✓ 150	x		x		xx	x	x	x				
16		171	125	✓ 126	xx		x		x	x	x	x				
17		172	100	✓ 100	x		x		x	x	x	x				
18		173	75	✓ 74	x		x		x	x	x	x				
19		174	50	✓ 50	x		x		x	x	x	x				
20		175	25	✓ 25	x		x		x	xx	xx	xx				
21		176	10	✓ 10	xx		x		x	x	x	x				
22		177	5	✓ 5	xx		x		x	x	x	x				
23																
24																

Profile type: RQS

Watchkeeper(s): SP*

Bottom Depth: 3421

Trans Clean: Y N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	<u>0900</u>	<u>0200</u>
Bottom	<u>0956</u>	
End	<u>1120</u>	

Positional Information

Lat:	<u>48° 58.204</u>	<u>N</u>
Lon:	<u>130° 37.95</u>	<u>W</u>

Lat:	<u>48° 58.252</u>	<u>N</u>
Lon:	<u>130° 39.944</u>	<u>W</u>

Lat:	<u>48° 58.265</u>	<u>N</u>
Lon:	<u>130° 40.012</u>	<u>W</u>

Extra comments:

Bottom

60 sec wait time
5400m for 0021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments			
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Sal	Nut-F	Nut-C								Save sheet after printing labels: YES
10		178	800		X	X	X	X	X								
9		179	600		X	X											
8		180	400		XX	XX											
7		181	200		X	X											
6		182	150		X	X											
5		183	100		X	X											
4		184	75		X	X											
3		185	50		X	X											
2		186	35		X	X											
1		187	10		X	X											
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: GO-FLO

Watchkeeper(s): \$ 52

Bottom Depth: 3222

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	12:32	05:32
Bottom	13:15	
End	14:19	

Positional Information

Start	Lat: 48 ° 58.218	N
	Lon: 130 ° 39.895	W

Bottom	Lat: 48 ° 58.174	N
	Lon: 130 ° 39.772	W

End	Lat: 48 ° 58.148	N
	Lon: 130 ° 39.812	W

Extra comments:

TM

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments			
			Target Pressure	Confirmed Pressure	CHUCK	DMSP-d	DMSP-f	Nut-F	Nut-C	CHL	HPLC	Lugol's	ONAr	LW	Save sheet after printing labels:		
				✓											YES		
1	3	188	600	✓ 600	x	x	x	x	x								
2	4	189	400	✓ 400	x			xx	xx								
3		190	300	✓ 300	x			x									
4		191	200	✓ 200	x	x	x	x									
5		192	150	✓ 150	x	x	x	x									
6		193	100	✓ 100	x			x		x							
7		194	75	✓ 75	x			x		xx							
8		195	60	✓ 60				x		x	xx						
9		196	50	✓ 50	x			x		x	xx						
10		197	40	✓ 40	x			x		x	xx						
11		198	30	✓ 30	x	x	x	x		x	xx						
12		199	25	✓ 25	x			x		x							
13		200	20	✓ 20	xx	xx	xx	x		x							
14		201	15	✓ 15	x			x		x	xx						
15		202	10	✓ 10	x			x		xx							
16		203	5	✓ 5	x	x	x	x									
17		204	5	✓ 5				x		x	xx	x					
18		205	5	✓ 5									x				
19	✓	206	0	✓ 3	x	x	x	x		x							
20																	
21																	
22																	
23	1		1000	✓ 1001													Mike std
24	2		1000	✓ 1001													Mike std

Profile type: BOS

Watchkeeper(s): SLX

Bottom Depth: 3221

Trans Clean: (Y) N Fl. Clean: (Y) N

Par Status: (On) / Off

Time	UTC	Local
Start	1600	0900
Bottom	1626	
End	1700	

Positional Information

Start	Lat: 49° 53.167	N
Lon: 130° 39.91		W

Bottom	Lat: 49° 53.166	N
Lon: 130° 39.91		W

End	Lat: 49° 53.17	N
Lon: 130° 39.934		W

Extra comments:

DMS

Niskins tripped out of order (23 and 24 first); No sample numbers for bottles 23 and 24- DMS bulk blank sample

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	MR	MA	MA	AT	AT	MR	MR	MR	MR	MR	Save sheet after printing labels: YES	
				✓	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	Lugol's	Form	Glut		
1	1	207	2000	✓ 2001											X	
2	5	208	* 600	✓ 602	x	x	x	x	x							
3	6	209	400	✓ 401	x			xx	xx							
4	7	210	300	✓ 301	x			x								
5	8	211	200	✓ 201	x	x	x	x								
6	9	212	150	✓ 150	x	x	x	x								
7	10	213	100	✓ 100	x			x		x						
8	11	214	75	✓ 74	x			x		xx						
9	12	215	60	✓ 60				x		x	xx					
10	13	216	50	✓ 51	x			x		x	xx					
11	14	217	40	✓ 41	x			x		x	xx					
12	15	218	30	✓ 31	x	x	x	x		x	xx					
13	16	219	25	✓ 25	x			x		x						
14	17	220	20	✓ 20	xx	xx	xx	x		x						
15	18	221	15	✓ 15	x			xx		x	xx					
16	19	222	10	✓ 11	x			x		xx						
17	20	223	5	✓ 5	x	x	x	x								
18	21	224	5	✓ 5				x		x	xx	x	x	x		
19	22	225	5	✓ 5											X	
20	23	226	0	✓ 37	x	x	x	x		x						
21																
22	2		2000	✓ 2000												BULK DMS
23	3		2000	✓ 2000												
24	4		2000	✓ 2000												WATER FOR AMANDA

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 4213

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time	UTC	Local
Start	1959	1259
Bottom	2035	
End	2134	

Positional Information

Start	Lat: 50 ° 0.086 N
	Lon: 144 ° 59.916 W
Bottom	Lat: 50 ° 0.016 N
	Lon: 144 ° 59.733 W
End	Lat: 49 ° 59.96 N
	Lon: 144 ° 59.957 W

Extra comments:

DMS

OUT OF ORDER FOR BULK WATER DMS N14

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

P26

Event #:

53

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

19 SEPT 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed Pressure	MC/MC	MC/MA	MG/MA	HA/HQ	—	K	—	—	—	—	—	—	Save sheet after printing labels: YES	
				✓		OXY	Sal	Nut-F	Nut-C	DIC	DOC	CDOM	TOC	SPE-DOM	ONAr	NH4Bulk		
1		227	Bot-10	✓	4316	x		x	x	x	x	x	x					
2		228	4000	✓	4001	xx	xx	x	x	x	x	x	x					
3		229	4000	✓	3999										x			
4		230	3500	✓	3500	x	x	x	x	x	x	x	x					
5		231	3000	✓	3001										x			
6		232	3000	✓	2998	x	x	x	x	x	x	x	x					
7		233	2500	✓	2498	xx	xx	x	x	x	x	x	x					
8		234	2000	✓	2000	x	x	x	x	x	x	x	x	x				
9		235	1500	✓	1501	x	x	x	x	xx	x	x	x					
10		236	1250	✓	1251	x	x	xx	xx	x	x	x	x					
11		237	1000	✓	1000	xx	x	x	x	x	x	x	x					
12		238	800	✓	801	x		x	x	x	x	x	x					
13		239	600	✓	601	x		x	x	x	x	x	x					
14		240	400	✓	400	x		x	x	x	x	x	x				1 hr wait ↓	
15		241	300	✓	300	x		x		x	x	x	x					
16		242	250	✓	251	x		x		x	x	x	x					
17		243	200	✓	200	x		x		x	x	x	x					
18		244	150	✓	150	x		x		x	x	x	x					
19		245	100	✓	100	xx		x		x	x	x	x					
20		246	75	✓	74	x		x		x	x	x	x	x				
21		247	50	✓	50	x		x		xx	x	x	x					
22		248	25	✓	24	x		xx		x	x	x	x					
23		249	10	✓	9	x		x		x	x	x	x					
24		250	5	✓	5	x		x		x	xx	xx	xx					

Profile type: ROS

Watchkeeper(s): MR / ML

Bottom Depth: 4247

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2357	1657
Bottom	0120	
End	0303	

Positional Information

Lat:	50 ° 00.01	N
Lon:	145 ° 00.00	W

Lat:	49 ° 59.89	N
Lon:	144 ° 59.94	W

Lat:	49 ° 59.47	N
Lon:	144 ° 59.999	W

Extra comments:

Deep

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

P26

Event #:

54

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

20 09 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	Me-d	Me-t	Sal	Nut-F	Nut-C									
7		251	100		x	x	x	x										Save sheet after printing labels: YES
6		252	75		x	x												
5		253	55		x	x												
4		254	50		x	x												
3		255	45		x	x												
2		256	35		x	x												
1		257	10		x	x												
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: GO-FLO

Watchkeeper(s): MG

Bottom Depth: 4318

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time	UTC	Local
Start	0359	2059
Bottom	0425	
End	0455	

MR 0432

Positional Information

Start	Lat: 50 ° 0.011 N
	Lon: 144 ° 59.838 W

Bottom	Lat: 49 ° 59.956 N
	Lon: 144 ° 59.74 W

End	Lat: 49 ° 59.843 N
	Lon: 144 ° 59.554 W

Extra comments:

TM

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed Pressure													Save sheet after printing labels:	
				✓		CHL	Nut-F	Sal	13C	C/NO3	C/NH4	N fix	Denitri	POM	NH4	FLC	YES	
1		258	1%	✓	45	x	x	x					11			x		
2		259	1%	✓	44				X	X	X		11					
3		260	1%	✓	44							X	X	X	X			
4		261	15%	✓	109	x	x	x					11			x		
5		262	15%	✓	10				X	X	X		11					
6		263	15%	✓	1011							X	11	X	X			
7		264	30%	✓	5	x	x	x					11			x		
8		265	30%	✓	5				X	X	X		11					
9		266	30%	✓	5							X	X	X	X			
10		267	50%	✓	058	x	x	x					11			x		
11		268	50%	✓	037				X	X	X		11					
12		269	50%	✓	038							X	X	X	X			
13		270	100%	✓	033	x	x	x					11			x		
14		271	100%	✓	042				X	X	X		11					
15		272	100%	✓	042							X	X	X	X			
16													11					
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): MC

Bottom Depth: 4221

Trans Clean: ✓ FI. Clean: ✓

Par Status: OFF

Time	UTC	Local
Start	0559	1059
Bottom	0604	
End	0616	

Positional Information

Lat:	50 ° 0.045	N
Lon:	144 ° 59.947	W

Bottom

Lat:	50 ° 0.042	N
Lon:	144 ° 59.933	W

End

Lat:	50 ° 0.037	N
Lon:	144 ° 59.921	W

Extra comments:

PRODUCTIVITY

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr								Save sheet after printing labels: YES
1		273	5	✓ 5.3	✓	x	xx	xx									
2		274	5	✓ 5.2	✓				x								
3																	
4																	
5		5058	Loop			x	xx										
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): S. K

Bottom Depth: 4200

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	12:41	05:41
Bottom	12:58	05:58
End	13:17	

Positional Information

Lat:	50 ° 0.048	N
Lon:	143 ° 36.223	W

Lat:	50 ° 0.024	N
Lon:	143 ° 36.228	W

Lat:	50 ° 0.043	N
Lon:	143 ° 36.159	W

Extra comments:

+loops

273

Nut-F

P25

2024-008

5 m

bot 1

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr	DOC	CDOM	SPE-DOM	BIODEG		Save sheet after printing labels: YES	
1	18	ONAr	Bot-10	5.8						x	x		x			
2			3500			xx				x	x		x			
3			3000			x				x	x		x			
4			2500			x				x	x		x			
5			2000			x				x	x	x	x			
6			1500			xx				x	x		x			
7			1250			x				x	x		x			
8	1	275	1000	✓ 1001.2		x				x	x		x			
9	2	276	800	✓ 821.2						x	x		x			
10	3	277	600	✓ 602						x	x		x			
11	4	278	400	✓ 400						x	x		x			
12	5	279	300	✓ 299						x	x		x			
13	6	280	250	✓ 248.6						x	x		x			
14	7	281	200	✓ 200.8						x	x		x			
15	8	282	175	✓ 176.6						x	x		x			
16	9	283	150	✓ 149.7						x	x		x			
17	10	284	125	✓ 124.5						x	x		x			
18	11	285	100	✓ 99.3						x	x		x			
19	12	286	75	✓ 74.5						x	x	x	x			
20	13	287	50	✓ 49.5						x	x		x			
21	14	288	25	✓ 25.9						xx	xx		xx			
22	15	289	10	✓ 10.1						x	x		x			
23	16	290	5	✓ 5.7						x	x		x			
24	17	291	5	✓ 5.2	x		x	xx	x							Spigot open → still water.

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 4308

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	17:18	10:18
Bottom	17:35	
End	18:12	

Positional Information

Start	Lat: 49 ° 50.386	N
Lon: 142 ° 40.032		W

Bottom	Lat: 49 ° 50.352	N
Lon: 142 ° 39.976		W

End	Lat: 49 ° 50.281	N
Lon: 142 ° 39.992		W

Extra comments:

Deep

Snapped niskin 1 for ONAr since there was extra (at 5m)

• Only went to 1005m
• fired out of order
8 → 24, then 1 @ 5m

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples								Comments	
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr									Save sheet after printing labels: YES	
1		292	5	✓ 6.7	x		x	xx											
2		293	5	✓ 6.4					x										
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

Watchkeeper(s): MG

Bottom Depth: 4219

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2246	1140
Bottom	2257	
End	2318	

Positional Information

Start

Lat: 49 ° 45.993 N

Lon: 141 ° 39.898 W

Bottom

Lat: 49 ° 46.00 N

Lon: 141 ° 39.91 W

End

Lat: 49 ° 46.02 N

Lon: 141 ° 39.893 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008

Station: P22

Event #:

Ship: JP Tully

UTC Date (dd-mm-yyyy):

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments			
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr	DOC	CDOM	SPE-DM	BIODEG	TOC	Save sheet after printing labels: YES			
			✓															
1		294	2000				xx				x	x	x	x	x			BULK WATER -> DMS
2		295	1500				x				x	x	x	x	x			
3		296	1250				x				x	x		x				
4		297	1000				xx				x	x	x	x	x			
5		298	800				x				x	x		x				
6		299	600								x	x		x				
7		300	400								x	x	x	x	x			CALLED FOR WEATHER
8		301	300								x	x		x				
9		302	250								x	x		x				
10		303	200								x	x	x	x	x			
11		304	175								x	x		x				
12		305	150								x	x		x				
13		306	125								x	x		x				
14		307	100								x	x		x				
15		308	75								x	x	x	x	x			
16		309	50								x	x		x				
17		310	25								xx	xx		xx				
18		311	10								x	x		x				
19		312	5								x	x		x				
20		313	5				x		x	xx								
21		314	5							x								
22																		
23																		
24																		

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s):

Bottom Depth:

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start

Bottom

End

Positional Information

Start

Bottom

End

Extra comments:

2000

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr					Save sheet after printing labels:	YES		
1		294	5	✓ 5	x	x	xx	xx									
2		295	5	✓ 5					x								
3																	
4																	
5		5063	Loop			x	xx										
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SL

Bottom Depth: 3470 3921

Trans Clean: P / N Fl. Clean: P / N

Par Status: On / Off

Time	UTC	Local
Start	0801	0101
Bottom	0919	
End	0937	

Positional Information

Start	Lat: 49° 38.068	N
	Lon: 139° 39.939	W
Bottom	Lat: 49° 38.058	N
	Lon: 139° 40.013	W
End	Lat: 49° 38.00	N
	Lon: 139° 39.993	W

Extra comments:

+loops

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed ✓ Pressure	CHL	Nut-F	Sal	13C	C/NO3	C/NH4	N fix	Denifri	POM	NH4	FLC	Save sheet after printing labels: YES
1		296	1%		x	x	x								x	
2		297	1%					X	X	X						
3		298	1%								X	X	X	X		
4		299	15%		x	x	x								x	
5		300	15%					X	X	X						
6		301	15%								X	X	X	X		
7		302	30%		x	x	x								x	
8		303	30%					X	X	X						
9		304	30%								X	X	X	X		
10		305	50%		x	x	x								x	
11		306	50%					X	X	X						
12		307	50%								X	X	X	X		
13		308	100%		x	x	x								x	
14		309	100%					X	X	X						
15		310	100%								X	X	X	X		
16					CANCELLED DUE TO WEATHER											
17																
18																
19																
20																
21																
22																
23																
24																

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth:

Trans Clean: ✓ Fl. Clean: ✓

Par Status:

Time	UTC	Local
Start		
Bottom		
End		

Positional Information

Start	Lat: ° N
	Lon: ° W
Bottom	Lat: ° N
	Lon: ° W
End	Lat: ° N
	Lon: ° W

Extra comments:

Cruise ID:2024-008

Station:P19

Event #:65

Ship:JP Tully

UTC Date (dd-mm-yyyy):21 09 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	Nut-F	Sal	CHL	HPLC	ONAr	13C	C/NO3	C/NH4	N fix	POM	NH4	FLC	Wgl	
1		296	1%		43	x	x	x								x		
2		297	1%		44					x	x	x						
3		298	1%		43								x	x	x			
4		299	15%		98	x	x	x								x	x	
5		300	15%		9.6					x	x	x						
6		301	15%		8.9								x	x	x			
7		302	30%		5.2	x	x	x								x		
8		303	30%		6.4					x	x	x						
9		304	30%		5.1								x	x	x			
10	305	305	5		6	x		x	xx									
11	306	306	5		3.3				x									VENT SPICOT LEAKING
12		307	100%		3.8	x	x	x								x		
13		308	100%		3.5					x	x	x						
14		309	100%		3.6								x	x	x			
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:ROS

Watchkeeper(s):MLG

Bottom Depth:3900

Trans Clean:Y / NFl. Clean:Y / N

Par Status:On / Off

Time	UTC	Local
Start	2036	1336
Bottom	2055	
End	2121	

Positional Information

Lat:	49 ° 30.004	N
Lon:	137 ° 39.927	W

Bottom

Lat:	49 ° 29.965	N
Lon:	137 ° 39.948	W

End

Lat:	49 ° 29.885	N
Lon:	137 ° 39.928	W

Extra comments:

PRODUCTIVITY

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	MG	MGe	MG	Ma	L	L	K	SPE-DOM	BIODEG	TOC			Save sheet after printing labels: YES	
1		310	2000	✓ 2000		XX				X	X	X	X	X				
2		311	1500	✓ 1501		XX				X	X	X	X	X				
3		312	1250	✓ 1250		X				X	X		X					
4		313	1000	✓ 999		XX				X	X	X	X	X				
5		314	800	✓ 800		X				X	X		X					
6		315	600	✓ 603						X	X		X					
7		316	400	✓ 400						X	X	X	X	X				
8		317	300	✓ 301						X	X		X					
9		318	250	✓ 250						X	X		X					
10		319	200	✓ 199						X	X	X	X	X				
11		320	175	✓ 176						X	X		X					
12		321	150	✓ 151						X	X		X					
13		322	125	✓ 126						X	X		X					
14		323	100	✓ 99						X	X		X					
15		324	75	✓ 75						X	X	X	X	X				
16		325	50	✓ 50						XX	XX	X	XX	XX				
17		326	25	✓ 25						X	X		X					
18		327	10	✓ 10						X	X		X					
19		328	5	✓ 6						X	X		X					
20		329	5	✓ 6	X		X	XX										
21		330	5	✓ 6					X									
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3808

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0204	1904
Bottom	0239	
End	0337	

Positional Information

Start	Lat: 49 ° 25.99 N
	Lon: 136 ° 39.931 W
Bottom	Lat: 49 ° 25.911 N
	Lon: 136 ° 40.011 W
End	Lat: 49 ° 25.913 N
	Lon: 136 ° 40.03 W

Extra comments:

2000

BLK For DMS

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples								Comments	
			Target Pressure	Confirmed ✓ Pressure	SR	SR	SR	SR	AT	Nut-F	Sal	CHL	HPLC	ONAr					Save sheet after printing labels: YES
1		331	5	✓ 5.8	x	x	xx	xx											
2		332	5	✓ 6.1					x										
3																			
4																			
5		5067	Loop	✓ 4.5		x	xx												
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 3700

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time UTC Local

Start 08:06 01:06

Bottom 08:24

End 0842

Positional Information

Start

Lat: 49 ° 21.007 N

Lon: 135 ° 39.868 W

Bottom

Lat: 49 ° 21.025 N

Lon: 135 ° 39.915 W

End

Lat: 49 ° 21.005 N

Lon: 135 ° 39.91 W

Extra comments:

+loops

Cruise ID: 2024-008

Station: P16

Event #: 69

Ship: JP Tully

UTC Date (dd-mm-yyyy): 22 Sep 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	CHL	Nut-F	Sal	13C	C/NO3	C/NH4	N fix	Denitri	POM	NH4	FLC	Save sheet after printing labels	YES
				✓													
1		333	1%	✓ 50	x	x	x								x		49m
2		334	1%	✓ 50				X	X	X							
3		335	1%	✓ 50							X	X	X	X			
4		336	15%	✓ 10.2	x	x	x								x		11
5		337	15%	✓ 10.2				X	X	X							
6		338	15%	✓ 11.2							X	X	X	X			
7		339	30%	✓ 8.2	x	x	x								x		8
8		340	30%	✓ 7.2				X	X	X							
9		341	30%	✓ 7.5							X	X	X	X			
10		342	50%	✓ 3.6	x	x	x								x		4
11		343	50%	✓ 3.6				X	X	X							
12		344	50%	✓ 3.6							X	X	X	X			
13		345	100%		x	x	x								x		0
14		346	100%					X	X	X							
15		347	100%								X	X	X	X			
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): SN

Bottom Depth: 8600

Trans Clean: ✓ FI. Clean: ✓

Par Status: ON

Time	UTC	Local
Start	13:19	06:19
Bottom	13:23	
End	13:33	

Positional Information

Start

Lat: 49 ° 17.029 N

Lon: 134 ° 39.904 W

Bottom

Lat: 49 ° 16.17039 N

Lon: 134 ° 39.952 W

End

Lat: 49 ° 16.932 N

Lon: 134 ° 39.794 W

Extra comments:

Cruise ID: 2024-008

Station: P16

Event #: 70

Ship: JP Tully

UTC Date (dd-mm-yyyy): 22 Sep 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists:		Core_Samples		Comments	
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Sal	Nut-F					Save sheet after printing labels:	YES
10		348	800		x	x	x	x						
9		349	600		xx	xx								
8		350	400		x	x								
7		351	200		x	x								
6		352	150		x	x								
5		353	100		x	x								
4		354	75		x	x								
3		355	50		x	x								
2		356	35		x	x								
1		357	10		x	x								
16														
17														
18														
19														
20														
21														
22														
23														
24														

Profile type: GO-FLO

Watchkeeper(s): MORGAN W

Bottom Depth: 3600

Trans Clean: Y-I-N Fl. Clean: Y-I-N

Par Status: On-Off

Time	UTC	Local
Start	1418	0718
Bottom	1455	
End	1545	

Positional Information

Start	Lat: 49° 16.99	N
	Lon: 134° 39.95	W
Bottom	Lat: 49° 16.95	N
	Lon: 134° 39.94	W
End	Lat: 49° 16.922	N
	Lon: 134° 39.945	W

Extra comments:

TM

Reprint w/ corrections

Water Properties Group

Program
STN List

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

P16

Event #:

71

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

22-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments					
			Target Pressure	Confirmed Pressure	SA/MG	LW	LW	LW	KC	KC	KC	Save sheet after printing labels: YES						
			✓		OXY	Sal	Nut-F	Nut-C	DOC	DOC	CDOM		TOC					
1		358	Bot-10			x		x	x		x	x	x					Not sampled
2		359	3500			x	xx	x	x		x	x	x					Not sampled
3		360	3000			x	x	x	x		x	x	x					Not sampled
4		361	2500			x	x	xx	xx		x	x	x					Not sampled
5		362	2000			x	xx	x	x		x	x	x					
6		363	1500			xx	x	x	x		x	x	x					
7		364	1250			x	x	x	x		x	x	x					
8		365	1000			x	x	x	x		x	x	x					
9		366	800			x		x	xx		x	x	x					
10		367	600			x		x	x		x	x	x					
11		368	400			x		x	x		x	x	x					
12		369	300			x		x			x	x	x					
		370	250			xx		x			x	x	x					Missed 250m bottle
13		371	200			x		x			x	x	x					
14		372	175			x		x			x	x	x					
15		373	150			x		x			x	x	x					Skipped bottle 16 to correct
17		374	125			x		xx			x	x	x					
18		375	100			xx		x			x	x	x					
19		376	75			x		x			x	x	x					
20		377	50			x		xx			x	x	x					
21		378	25			x		x			x	x	x					
22		379	10			xx		x			xx	xx	xx					
23		380	5			x		x			x	x	x					
24																		

Profile type:

ROS

Watchkeeper(s):

Steve Romaine

Bottom Depth:

3600m

Trans Clean: yes

Fl. Clean: yes

Par Status:

yes

Time

UTC

Local

Start

16:08:49

09:08:49

Bottom

16:45:30

End

17:44:17

Positional Information

Lat:

49 16.991 N

Lon:

134 39.944 W

Lat:

49 16.971 N

Lon:

134 39.967 W

Lat:

49 16.942 N

Lon:

134 39.976 W

Extra comments:

Deep to 2000m only

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	SW/MG	W	LW	LW		KC	KC	KC		Save sheet after printing labels:	
				✓	OXY	Sal	Nut-F	Nut-C	DIC	DOC	CDOM	TOC		YES	
1		358	Bot 10		x		x	x		x	x	x		Not taken	
2		359	3500		x	xx	x	x		x	x	x			
3		360	3000		x		x	x		x	x	x			
4		361	2500		x	x	xx	xx		x	x	x			
5		362	2000	2003	x	xx	x	x		x	x	x			
6		363	1500	1500	xx	x	x	x		x	x	x			
7		364	1250	1250	x	x	x	x		x	x	x			
8		365	1000	1000	x	x	x	x		x	x	x			
9		366	800	795	x		xx	xx		x	x	x			
10		367	600	600	x		x	x		x	x	x			
11		368	400	400	x		x	x		x	x	x			
12		369	300	299	x		x			x	x	x			
13		370	250	250	xx		x			x	x	x		← Not Fired	
14	13	371	200	198	x		x			x	x	x			
15	14	372	175	176	x		x			x	x	x			
16	15	373	150	150	x		x			x	x	x			
17		374	125	126	x		xx			x	x	x			
18		375	100	100	xx		x			x	x	x			
19		376	75	75	x		x			x	x	x			
20		377	50	49	x		xx			x	x	x			
21		378	25	25	x		x			x	x	x			
22		379	10	9	xx		x			xx	xx	xx			
23		380	5	5	x		x			x	x	x			
24															

Profile type: ☒ ROS

Watchkeeper(s): SPX

Bottom Depth: 3624

Trans Clean: ☒ N Fl. Clean: ☒ N

Par Status: ☒ On / Off

Time	UTC	Local
Start	1608	0908
Bottom	1643	
End	1744	

Positional Information

Lat:	49° 16.991	N
Lon:	134° 39.944	W

Bottom

Lat:	49° 16.971	N
Lon:	134° 39.967	W

End

Lat:	49° 16.942	N
Lon:	134° 39.976	W

Extra comments:

Deep

bottle 13 @ 250m

NOT tripped

No bottle 16,
skipped to resume
labelled sequence

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments			
			Target Pressure	Confirmed Pressure	MR	MA	MA	KC	KC	LW	MG	MGR	LW	Save sheet after printing labels:			
				✓	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	Lugol's	ONAr	YES			
1		381	400	✓ 400	x	x	x	xx	xx								
2		382	300	✓ 301	x			x									
3		383	200	✓ 201	x	x	x	x									SAL SPICE 230
4		384	150	✓ 151	x	x	x	x									
5		385	100	✓ 100	x			x		x							
6		386	75	✓ 75	x			x		x							
7		387	60	✓ 60				x		x	xx						
8		388	50	✓ 50	x			x		x	xx						
9		389	40	✓ 40	x			x		x	xx						
10		390	30	✓ 31	x	x	x	x		x	xx						
11		391	25		x			x		xx							Use Niskin 19 for 25 m
12		392	20	✓ 20	xx	xx	xx	x		xx							
13		393	15	✓ 15	x			x		x	xx						
14		394	10	✓ 10	x			x		x							
15		395	5	✓ 5	x	x	x	x									
16		396	5	✓ 5				x		x	xx	x					
17		397	5	✓ 5									x				
18		398	0	✓ 4	x	x	x	xx		x							
19				✓ 25													
20				✓ 20													NOT NEEDED
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): MU/MN

Bottom Depth: 3600

Trans Clean: (Y) / N Fl. Clean: (Y) / N

Par Status: (On) / Off

Time

UTC

Local

Start

19 24

1224

Bottom

19 33

End

19 58

Positional Information

Start

Lat: 49 ° 17.07

N

Lon: 134 ° 40.09

W

Bottom

Lat: 49 ° 17.055

N

Lon: 134 ° 40.108

W

End

Lat: 49 ° 16.97

N

Lon: 134 ° 40.05

W

Extra comments:

DMS

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:		Core_Samples		Comments	
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr	CDOM	DOC			Save sheet after printing labels	YES
1		399	2000	✓ 2000						x	x				
2		400	1000	✓ 1000						x	x				
3		401	400	✓ 400						x	x				
4		402	75	✓ 77						x	x				
5		403	10	✓ 10						xx	xx				
6		404	5	✓ 6						x	x				
7		405	5	✓ 6	x		x	xx							
8		406	5	✓ 6					x						
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type: ROS

Watchkeeper(s): ML

Bottom Depth: 3390

Trans Clean: Y N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0030	1736
Bottom	0106	
End	0148	

Positional Information

Start

Lat: 49 ° 12.098 N

Lon: 133 ° 40.009 W

Bottom

Lat: 49 ° 12.132 N

Lon: 133 ° 39.948 W

End

Lat: 49 ° 12.149 N

Lon: 133 ° 39.878 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples				Comments			
			Target Pressure	Confirmed ✓ Pressure	Nut-F	Sal	CHL	HPLC	ONAr	DOC	CDOM	SPE-DOM	TOC	Save sheet after printing labels:			
														YES			
1	1	407	2000	✓	2000		xx			x	x	x	x				
2	2	408	1500	✓	1500		x			x	x						
3	3	409	1250	✓	1248		x			x	x						
4	4	410	1000	✓	1000		xx			x	x						
5	5	411	800	✓	800		x			x	x						
6	6	412	600	✓	600					x	x						
7	7	413	400	✓	401					x	x						
8	8	414	300	✓	301					x	x						
9	9	415	250	✓	248					x	x						
10	10	416	200	✓	199					x	x						
11																Broken Niskin	
12	11	417	175	✓	174					x	x						
13	12	418	150	✓	150					x	x						
14	13	419	125	✓	125					x	x						
15	14	420	100	✓	99					x	x						
16	15	421	75	✓	75					x	x	x	x				
17	16	422	50	✓	51					x	x						
18	17	423	25	✓	25					x	x						
19	18	424	10	✓	10					xx	xx						
20	19	425	5	✓	5					x	x						
21	20	426	5	✓	5	x		x	xx								
22	21	427	5	✓	4.5				x								
23																	
24																	

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 3291

Trans Clean: ☒ / N Fl. Clean: ☒ / N

Par Status: ☒ On / Off

Time	UTC	Local
Start	07:22	00:22
Bottom	08:00	
End	08:59	

Positional Information

Start

Lat: 49 ° 7.42 N

Lon: 132 ° 39.92 W

Bottom

Lat: 49 ° 7.424 N

Lon: 132 ° 39.954 W

End

Lat: 49 ° 7.406 N

Lon: 132 ° 39.97 W

Extra comments:

2000

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed Pressure	Nut-F	Sal	CHL	HPLC	ONAr									Save sheet after printing labels: YES	
1		428	5	6	x	x	xx	xx											
2		429	5	6					x										
3																			
4																			
5		5083	Loop			x	xx												
6		5076																	
7																			
8																			
9																			
10																			
11																			
12																			
13																			
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22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): SP-7

Bottom Depth: 3972

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time	UTC	Local
Start	1357	0657
Bottom	1429	
End	1505	

Positional Information

Start	Lat: 49 ° 2.53	N
	Lon: 131 ° 39.993	W
Bottom	Lat: 49 ° 2.495	N
	Lon: 131 ° 39.902	W
End	Lat: 49 ° 2.34	N
	Lon: 131 ° 40.068	W

Extra comments:

+loops

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels: YES	
1		431	5			x		x	xx							
2																
3																
4																
5																
6																
7																
8																
9																
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22																
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24																

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 2193

Trans Clean: (Y) N Fl. Clean: (Y) N

Par Status: (On) / Off

Time	UTC	Local
Start	10:44	03:44
Bottom	11:17	
End	11:51	

Positional Information

Start	Lat: 51 ° 22.353	N
	Lon: 130 ° 50.59	W
Bottom	Lat: 51 ° 22.402	N
	Lon: 130 ° 50.624	W
End	Lat: 51 ° 22.332	N
	Lon: 130 ° 50.642	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels: YES	
1		432	5			x		x	xx							
2																
3																
4																
5																
6																
7																
8																
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Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 295

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0040	1740
Bottom	0045	
End	0052	

Positional Information

Start	Lat: 51 ° 48.112 N
	Lon: 129 ° 40.139 W
Bottom	Lat: 51 ° 48.13 N
	Lon: 129 ° 40.156 W
End	Lat: 51 ° 48.149 N
	Lon: 129 ° 40.121 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels:	YES
1		433	5	✓ 5.7		x		x	xx							
2																
3																
4																
5																
6																
7																
8																
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Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 44

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0552	
Bottom	0553	
End	0555	

Positional Information

Start	Lat: 51 ° 40.512 N	Lon: 128 ° 54.43 W
Bottom	Lat: 51 ° 40.513 N	Lon: 128 ° 54.49 W
End	Lat: 51 ° 40.506 N	Lon: 128 ° 54.388 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels: YES	
1		434	5	✓ 4.4		x		x	xx							
2																
3																
4																
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Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 198

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	08:17	01:17
Bottom	08:21	
End	08:26	

Positional Information

Start	Lat: 51 ° 28.037	N
	Lon: 128 ° 30.06	W
Bottom	Lat: 51 ° 28.051	N
	Lon: 128 ° 30.037	W
End	Lat: 51 ° 28.065	N
	Lon: 128 ° 30.002	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels:	YES
1	1	435	5	✓ 47		x		x	xx							
2																
3																
4																
5																
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Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 290

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	13:31	06:31
Bottom	13:36	
End	13:42	

Positional Information

Start	Lat: 51 ° 15.005	N
	Lon: 129 ° 21.316	W
Bottom	Lat: 51 ° 15.028	N
	Lon: 129 ° 21.316	W
End	Lat: 51 ° 15.04	N
	Lon: 129 ° 21.328	W

Extra comments:

Cruise ID:2024-008

Station:SS1

Event #:98

Ship:JP Tully

UTC Date (dd-mm-yyyy):25.09.2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments				
			Target Pressure	Confirmed	✓	Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's						
1		436	5	✓		5.5		x		x	xx								
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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22																			
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24																			

Profile type:ROS

Watchkeeper(s):SK

Bottom Depth:

Trans Clean:Y N Fl. Clean:Y N

Par Status:On Off

Time	UTC	Local
Start	17:22	10:22
Bottom	17:31	
End	17:39	

Positional Information

Start	Lat: 51 ° 11.986	N
	Lon: 129 ° 59.923	W
Bottom	Lat: 51 ° 11.98	N
	Lon: 129 ° 59.923	W
End	Lat: 51 ° 11.961	N
	Lon: 129 ° 59.942	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments				
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's						Save sheet after printing labels: YES		
1		437	5	✓ 5.5		x		x	xx										
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 290

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2012	1312
Bottom	2017	
End	2024	

Positional Information

Start	Lat: 51 ° 07.974 N
	Lon: 129 ° 29.356 W
Bottom	Lat: 51 ° 07.981 N
	Lon: 129 ° 29.348 W
End	Lat: 51 ° 07.935 N
	Lon: 129 ° 29.344 W

Extra comments:

Water Properties Group

Program
STN List: All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008 Station: SS6 Event #: 103 Ship: JP Tully UTC Date (dd-mm-yyyy): 25-09-24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's			Save sheet after printing labels:	YES
1		438	Bot-5	✓ 5.1		x		x	xx						
2															
3															
4															
5															
6															
7															
8															
9															
10															
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23															
24															

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 179

Trans Clean: Y N Fl. Clean: Y N

Par Status: On Off

Time	UTC	Local
Start	0337	2037
Bottom	0341	
End	0345	

Positional Information

Start

Lat: 51 ° 20.051 N

Lon: 128 ° 0.023 W

Bottom

Lat: 51 ° 20.053 N

Lon: 128 ° 0.038 W

End

Lat: 51 ° 20.05 N

Lon: 128 ° 0.01 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed Pressure	AVSR	MG	CK										Save sheet after printing labels:	YES
				✓														
1		439	Bot-5	✓	308	x	x											
2		440	300	✓	299	x	x											
3		441	250	✓	250	xx	x											
4		442	200	✓	200	x	x											
5		443	175	✓	175	x	x											
6		444	150	✓	150	x	x											
7		445	125	✓	125	x	x											
8		446	100	✓	99.5	x	x			x								
9		447	75	✓	74.3	xx	x			x								
10		448	50	✓	50.3	x	xx			x								
11																		
12		449	25	✓	24.6	x	x			xx								
13		450	10	✓	9.6	x	x			x								
14		451	5	✓	5.3	x	x	x		x								
15		452	0	✓	2.7	x	x			x	xx							
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 312

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	0634	2334
Bottom	0640	
End	0703	

Positional Information

Start

Lat: 51 ° 26.412 N

Lon: 127 ° 38.428 W

Bottom

Lat: 51 ° 26.416 N

Lon: 127 ° 38.414 W

End

Lat: 51 ° 26.416 N

Lon: 127 ° 38.368 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID: 2024-008

Station: Ri3

Event #: 110

Ship: JP Tully

UTC Date (dd-mm-yyyy): 26-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's							
1		453	Bot-5	✓ 5m		x		x	xx									
2		11-01	5m															
3																		
4																		
5																		
6																		
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22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth:

Trans Clean: Y / N Fl. Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	09:07	02:07
Bottom	09:13	
End	0923	

Positional Information

Lat:	51 ° 35.763	N
Lon:	127 ° 32.116	W

Lat:	51 ° 35.767	N
Lon:	127 ° 32.119	W

Lat:	51 ° 35.775	N
Lon:	127 ° 32.106	W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

Ri5

Event #:

113

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26.09.2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels:	YES
1		454	5	✓ 5.2		x		x	xx							
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
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24																

Profile type: ROS

Watchkeeper(s): SK

Bottom Depth: 199

Trans Clean: (Y) / N Fl. Clean: (Y) / N

Par Status: (On) / Off

Time	UTC	Local
Start	11:20	04:20
Bottom	11:25	
End	11:30	

Positional Information

Lat: 51 ° 40.687	N
Lon: 127 ° 19.981	W

Lat: 51 ° 40.682	N
Lon: 127 ° 19.963	W

Lat: 51 ° 40.677	N
Lon: 127 ° 19.929	W

Extra comments:

Cruise ID: 2024-008

Station: Sm1

Event #: 116

Ship: JP Tully

UTC Date (dd-mm-yyyy): 26-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's				Save sheet after printing labels: YES	
1	1	455	5	/ / S		x		x	xx							
2																
3																
4																
5																
6																
7																
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23																
24																

Profile type: ROS

Watchkeeper(s): SLT

Bottom Depth: 207

Trans Clean: yes FI. Clean: yes

Par Status: yes

Time	UTC	Local
Start	1750	1050
Bottom	1754	
End	1750	

Positional Information

Lat: 51 18.7123

Lon: 127 30.156

Lat: 51 18.726

Lon: 127 30.1365

Lat: 51 18.722

Lon: 127 32.125

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

Institute of Ocean Sciences, Ocean Sciences Division, Sidney, BC

Cruise ID:

2024-008

Station:

Sm3

Event #:

119

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26 09 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:		Core_Samples		Comments	
			Target Pressure	Confirmed ✓ Pressure	OXY	Nut-F	Sal	CHL	HPLC	FLC	Lugol's			Save sheet after printing labels: YES	
1		456	5			x		x	xx						
2															
3															
4															
5															
6															
7															
8															
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22															
23															
24															

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth:

Trans Clean: Y / N FL Clean: Y / N

Par Status: On / Off

Time	UTC	Local
Start	2214	1514
Bottom	2220	
End	2228	

Positional Information

Start

Lat: 51 ° 18.518 N

Lon: 127 ° 14.599 W

Bottom

Lat: 51 ° 18.534 N

Lon: 127 ° 14.615 W

End

Lat: 51 ° 18.524 N

Lon: 127 ° 14.607 W

Extra comments: