

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2024-002

Station:

Har059

Event #:

3

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

25-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:					Core Samples	Comments
			Target Pressure	Confirmed Pressure	M4 OXY	K Nut-F	M4 DIC	J CHL	J HPLC	K Biotox	K Biot-500	Lugol's	POM-FA	SI	gile	FLC					
1		1	Bot-5	✓ 198	x	x	x														
2		2	see 180	✓ 180	x	xx	x														
3		3	150	✓ 150	x	x	xx														
4		4	100	✓ 100	xx	x	x														
5		5	75	✓ 75	x	x	x														
6		6	50	✓ 50	x	x	x	x													
7		7	30	✓ 30	x	x	x	xx													
8		8	20	✓ 20	x	x	xx	x													
9		9	10	✓ 10	x	x	x	x													
10		10	5	✓ 5	xx	x	x	x													
11		11	0	✓ 1.8	x	x	x														
12		12	0	✓ 1.8				x	xx	xx	xx	x									
13		13	0	✓ 1.8																	
14		14	0	✓ 1.8																	
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					

Version: 01-Dec-23

Biotox: 2 labels 1 sample

Save sheet after printing labels: YES

Did not take

Profile type: ROS

Watchkeepers: Sillybrant

Bottom Depth:

Trans Clean: ☒ N Fl. Clean: ☒ N

Par Status: ☒ On ☐ Off

Time

UTC

Local

Start

05:18

2418

Bottom

05:24

End

05:44

Positional Information

Lat:

48 ° 35.982

N

Lon:

123 ° 14.893

W

Lat:

48 ° 35.942

N

Lon:

123 ° 14.963

W

Lat:

48 ° 35.756

N

Lon:

123 ° 14.904

W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

JF2

Event #:

6

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

29-Jan-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples					Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	DIC	CHL	HPLC	Biotox	Biot-500	Lugol's	POM-FA	SI		
1		15	Bot-5	✓ 183	xx	x	x									
2		16	150	✓ 148	x	x	x									
3		17	125	✓ 124	x	x	xx									
4		18	100	✓ 105	x	x	x									
5		19	80	✓ 81	x	x	x									
6		20	60	✓ 62	x	x	x									
7		21	50	✓ 52	xx	x	x									
8		22	40	✓ 41	x	x	xx									
9		23	30	✓ 30	x	x	x	xx								
10		24	20	✓ 21	x	xx	x	x								
11		25	10	✓ 10	x	x	x	x								
12		26	5	✓ 5	x	x	x	x								
13		27	0	✓ 2	x	x	x									
14		28	0	✓ 2				x	xx	xx	xx	x			Biotox: 2 labels 1 sample	
15		29	0	✓ 2												
16		30	0	✓ 2												
17																
18																
19																
20																
21																
22																
23																
24																

Version: 01-Dec-22

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CT

Bottom Depth: 186

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

Par Status: (On) / Off

Time

UTC

Local

Start

10:56

0256

Bottom

11:01

0301

End

11:26

0326

Positional Information

Lat: 48 ° 17. 986 N

Lon: 123 ° 59. 895 W

Bottom

Lat: 48 ° 17. 979 N

Lon: 123 ° 59. 837 W

End

Lat: 48 ° 18. 075 N

Lon: 123 ° 59. 598 W

Extra comments:

did not sample for POM-FA & SI

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P1

Event #:

9

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

25-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists: Core Samples		Comments Save sheet after printing labels. YES
			Target Pressure	Confirmed Pressure	OXY	Nut-F	DIC	CHL	HPLC	POM-FA	SI			
1		31	Bot-10	✓ 129	X	X	XX							
2		32	75	✓ 74	XX	X								
3		33	30	✓ 32	X	X	X							
4		34	5	✓ 6	X	XX	X	X	XX					
5		35	5	✓ 5						X				
6		36	5	✓ 5							XX			
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Profile type: ROS

Watchkeeper(s): CI, MB

Bottom Depth:

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

Par Status: (On) / Off

Time	UTC	Local
Start	17 35	09 35
Bottom	17 36	09 38
End	17 45	09 45

Positional Information

Lat:	48 ° 34.496	N
Lon:	125 ° 20.017	W
Lat:	48 ° 34.492	N
Lon:	125 ° 29.997	W
Lat:	45 ° 34.516	N
Lon:	128 ° 29.94	W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P2

Event #:

10

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

25 01 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments
			Target Pressure	Confirmed Pressure	DMS	DMSF-d	DMSF-1	Nut-F	CHL	HPLC	Lugol's	DA	Biotox	Biot-500	POM-FA	SI	
1		37	100	V 99	X	X	X	X	X								
2		38	75	V 76	X				X	X							
3		39	50	V 51	X				X	X							NUT TRANSFER
4		40	40	V 40	X				XX	XX							NEW TUB
5		41	30	V 30	X				X	X	XX						
6		42	25	V 24	X				X	X	XX						
7		43	20	V 20	XX	XX	XX	X	X	XX							
8		44	15	V 15	X				X	X	XX						
9		45	10	V 10	X				X	X	XX						
10		46	5	V 5	X	X	X	X									
11		47	5	V 5					X	XX		(X)	X	XX	XX		Biotox: 2 labels per sample
12		48	5	V 5												X	
13		49	5	V 6													
14		50	0	V 35	X	X	X	X	XX							XX	NOT TAKEN
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 118

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

Par Status: (On) / Off

Time

UTC

Local

Start

1955

1855

Bottom

1958

End

2023

Positional Information

Lat: 48 ° 36.105 N

Lon: 125 ° 54.996 W

Start

Lat: 48 ° 36.099 N

Lon: 125 ° 126 6027 W

Bottom

Lat: 48 ° 36.208 N

Lon: 126 ° 0171 W

End

Lat: 48 ° 36.208 N

Lon: 126 ° 0171 W

Extra comments:

DMS

Water Properties Group

Program
STN List:

All Sins

Sampling Log

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

Cruise ID:

2024-002

Station:

P2

Event #:

12

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

25 FEB 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	MC/MB	NOF	MC/FL	DIC	DOC	TOC	CDOM					
1		51	Bot-10	✓ 109	x	x	x	x	x	x	x					
2		52	100	✓ 103	xx	x	x	x	x	x	x					swell
3		53	75	✓ 75	x	x	x	x	x	x	x					
4		54	75	✓ 75	x	x	x									
5		55	50	✓ 50	x	x	xx	x	x	x	x					
6		56	25	✓ 25	xx	x	x	x	x	x	x					
7		57	10	✓ 10	x	xx	x	x	x	x	x					
8		58	5	✓ 4.7	x	x	x	xx	xx	xx						
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Version: 1

01 Dec 23

Save sheet after printing labels:

YES

Profile type: ROS

Watchkeeper(s): ML

Bottom Depth: 120

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

Par Status: (On) / Off

Time

UTC

Local

Start

21 12

13 12

Bottom

21 15

21 15

End

21 29

13 29

Positional Information

Lat: 48° 36.03

N

Lon: 126° 00.25

W

Start

Lat: 48° 36.04

N

Lon: 126° 00.26

W

Bottom

Lat: 48° 36.09

N

Lon: 126° 00.31

W

End

Lat: 48° 36.09

N

Lon: 126° 00.31

W

Extra comments:

Deep

All 60 sec wait

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P3

Event #:

13

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

25-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	POM-FA	SI	5L	FLC	Core Samples	Save sheet after printing labels: YES
1		59	5	✓ S		X	XX			X			
2		60	5	✓ S				X					
3		61	5	✓ S					XX				
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): JMK

Bottom Depth: 755

Trans Clean: Y / N Fl. Clean: 0 / N

Par Status: On / Off

Time UTC Local

Start 23:27 1527

Bottom 23:36

End 2349

Positional Information

Lat: 48 ° 37.55 N

Lon: 126 ° 20.25 W

Bottom

Lat: 48 ° 35.526 N

Lon: 126 ° 20.027 W

End

Lat: 48 ° 32.546 N

Lon: 126 ° 17.933 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P4

Event #:

14

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

20- JAN - 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples							Comments			
			Target Pressure	Confirmed Pressure	MA	DMS	DMS-P-d	DMS-P-1	Nut-F	CHL	HPLC	Lugol's	Form	Glut	Biotox		Biotox-500	POM-FA	SI
1		62	600	✓	600	X	X	X	X										
2		63	300	✓	302	X			X										
3		64	200	✓	199	X	X	X	X										
4		65	150	✓	152	X	X	X	X										
5		66	100	✓	101	X			X	X									
6		67	75	✓	76	X			X	X									
7		68	60	✓	61				XX	X	XX								
8		69	50	✓	50	X			X	X	XX								
9		70	40	✓	41	X			X	X	XX								
10		71	30	✓	29	X	X	X	X	X	XX								
11		72	25	✓	25	X			X	XX									
12		73	20	✓	20	XXXXXX	XXXXXX	XX	X	X									
13		74	15	✓	15	X			X	X	XX								
14		75	10	✓	11	X			X	XX									
15		76	5	✓	4	X	X	X	X										
16		77	5	✓	6				X	XX									Biotox: 2 labels, 1 sample.
17		78	5	✓	6														
18		79	5	✓	6														
19		80	0	✓	3	X	X	X	X	X									
20																			
21																			
22																			
23																			
24																			

Version: 01 Dec-22

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MS

Bottom Depth: 754 1351

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

Par Status: On / Off

Time UTC Local

Start 0257 1857

Bottom 0309

End 6344

Positional Information

Lat: 48 ° 39.045 N

Lon: 126 ° 40.033 W

Bottom

Lat: 48 ° 39.04 N

Lon: 126 ° 40.044 W

End

Lat: 48 ° 39.074 N

Lon: 126 ° 40.016 W

Extra comments:

DMS

DUP DMS and DMS-P-d at 20 m. The extra labels are for a storage experiment.

60 SEC WAIT EVENT 140

NOT NECESSARY; NO OXY!

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P4

Event #:

15

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26 01 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists:			Comments	
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C	Core_Samples	Save sheet after printing labels: YES
10		81	800		xx	xx		x	x	x		
r9		82	600		x	x						
8		83	400		x	x						
r7		84	200		x	x						
6		85	150		x	x						
r5		86	100		x	x	xxx					
4		87	75		x	x						
3		88	50		x	x	xxx					
2		89	35		x	x	xxx					
r1		90	10		x	x	xxx					
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Profile type:	GO-flo
Watchkeeper(s):	MG JK

Bottom Depth:	1325
Trans Clean:	Y / N
Fl. Clean:	Y / N
Par Status:	On / Off

Time	UTC	Local
Start	0416	2016
Bottom	0509	
End	0613	

Positional Information

Lat:	48° 39.056	N
Lon:	126° 39.986	W

Lat:	48° 39.073	N
Lon:	126° 40.005	W

Lat:	48° 39.096	N
Lon:	126° 40.107	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:

Station:

Event #:

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples				Comments Save sheet after printing labels: YES
			Target Pressure	Confirmed Pressure	OXY	Sal	Nut-F	Nut-C	DIC	DOC	TOC	CDOM	3H	Sta Iso	
1		91	Bot-10	✓	1327	x		xx	x	x	x	x			
2		92	1250	✓	1150	x		x	x	x	x	x			
3		93	1250	✓	1250	x		x	x						
4		94	1000	✓	1002	xx	x	x	x	x	x	x			
5		95	800	✓	802	x	xx	x	xx	x	x	x			
6		96	600	✓	601	x		x	x	x	x	x			
7		97	400	✓	400	x		xx	xx	x	x	x			
8		98	300	✓	301	x		x	x	x	x	x			
9		99	250	✓	249	xx		x	x	x	x	x			
10		100	200	✓	203	x		x	x	x	x	x			
11		101	175	✓	176	x		x	x	x	x	x			
12		102	150	✓	151	x		xx	x	x	x	x			
13		103	125	✓	126	x		x	x	x	x	x			
14		104	100	✓	102	x		x	x	x	x	x			
15		105	75	✓	76	x		x	xx	x	x	x			
16		106	50	✓	51	x		x	x	x	x	x			
17		107	25	✓	25	xx		x	x	x	x	x			
18		108	10	✓	10			x	x	xx	xx	xx			
19		109	5	✓	5			x							
20		110	5	✓	5				x		x	xx		x	
21															
22															
23															
24															

Profile type: ROS

Watchkeeper(s): CT

Bottom Depth:

Trans Clean: ☒ N Fl. Clean: ☒ N

Par Status: ☒ On ☐ Off

Time UTC

Local

Start 0852 0052

Bottom 0906 0106

End 0949 0149

Positional Information

Lat: 48 ° 39.023 N

Lon: 126 ° 39.994 W

Bottom

Lat: 48 ° 39.032 N

Lon: 126 ° 39.996 W

End

Lat: 48 ° 39.044 N

Lon: 126 ° 40.026 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:

2024-002

Station:

P5

Event #:

19

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments Save sheet after printing labels:
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Sal					
1		111	5	✓ 1	x	xx	xx	x					
2													
3													
4													
5		5009	Loop	✓ 5		xx		x					
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

Profile type: ROS

Watchkeeper(s): CT

Bottom Depth: 2111

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

Par Status: On / (Off)

Time	UTC	Local
Start	12 17	04 17
Bottom	12 53	04 53
End	13 27	05 27

Positional Information

Lat:	48 ° 41.517	N
Lon:	127 ° 10.019	W

Bottom

Lat:	48 ° 41.460	N
Lon:	127 ° 09.939	W

End

Lat:	48 ° 41.416	N
Lon:	127 ° 9.738	W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P6

Event #:

20

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26 Jan 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments Save sheet after printing labels: YES	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	AML						
1	1	112	2005	2005										
2	2	113	2005											
3	3	114	2005											
4	4	115	2005											
5	5	116	2005											
6	6	117	2005											
7	7	118	2005											
8	8	119	2005											
9	9	120	2005											
10	10	121	2005											
11	11	122	2005											
12	12	123	2005											
13	13	124	2005											
14	14	125	2005											
15	15	126	2005											
16	16	127	2005											
17	17	128	2005											
18	18	129	2005											
19	19	130	2005											
20	20	131	2005											
21	21	132	5			x	xx	xx						
22														
23														
24														

Profile type: ROS

Watchkeeper(s): MS

Bottom Depth:

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

Par Status: On / Off

Time

UTC

Local

Start

15 50

0850

Bottom

16 24

End

17 00

Positional Information

Lat: 48 ° 44 552 N

Lon: 127 ° 39 888 W

Bottom

Lat: 48 ° 44 385 N

Lon: 127 ° 39 836 W

End

Lat: 48 ° 44 437 N

Lon: 127 ° 39 725 W

Extra comments:

Deep water for AML

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P7

Event #:

22

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26-01-24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core, Samples					Comments Save sheet after printing labels:
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	SAL	FLC						
1		133	5	✓ 9.6		x	xx	xx	x						
2			2000	✓ 2000					X						
3				✓											
4				✓											
5		5022	Loop	✓		xx		x							
6				✓											
7				✓											
8				✓											
9				✓											
10				✓											
11				✓											
12				✓											
13				✓											
14				✓											
15				✓											
16				✓											
17				✓											
18				✓											
19				✓											
20				✓											
21				✓											
22				✓											
23				✓											
24				✓											

Profile type: ROS

Watchkeeper(s): WS

Bottom Depth: 2533

Trans Clean: ☒ FLN FL Clean: ☒ Y/N

Par Status: ☒ On ☐ Off

Time

Start

2015

Bottom

2049

End

2126

Local

1215

Positional Information

Start

Lat: 48 ° 46.61 N

Lon: 128 ° 10.037 W

Bottom

Lat: 48 ° 46.63 N

Lon: 128 ° 10.065 W

End

Lat: 48 ° 46.65 N

Lon: 128 ° 10.05 W

Extra comments:

Plus loops, 2x CHL and 1x SAL

OUT 5F 02Dec

STAS02 C056 1 @ 5m

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P8

Event #:

23

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

26 01 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		Core Samples			Comments	
			Target Pressure	Confirmed Pressure	WMP	OKY	Sal	Nut-F	Nut-C	CHL	HPLC	DOC	TOC	CDOM	POM-FA	SI				Save sheet after printing labels	YES
1		134	2000	✓	2002	xx	xx	x	x			x	x	x							
2		135	1500	✓	1503	x	x	x	x			x	x	x							
3		136	1250	✓	1250	x	x	x	x			x	x	x							
4		137	1000	✓	1000	x	x	x	x			x	x	x							
5		138	800	✓	800	x	x	x	x			x	x	x							
6		139	600	✓	601	xx		xx	xx			x	x	x							
7		140	400	✓	401	x	x	x	x			x	x	x							
8		141	300	✓	300	x	x	x				x	x	x							
9		142	250	✓	250	x		x				x	x	x							
10		143	200	✓	200	x		x				x	x	x							
11		144	150	✓	151	x		x				x	x	x							
12		145	100	✓	101	x		x				x	x	x							
13		146	75	✓	75	x		xx				x	x	x							
14		147	60	✓	60	xx		x				x	xx	x							
15		148	50	✓	50	x		x				x	xx	x							
16		149	40	✓	40	x		x				x	xx	x							
17		150	30	✓	29	x		x				x	xx	x							
18		151	25	✓	25	x		x				x	x	x							
19		152	20	✓	20	x		x				xx	xx	xx							
20		153	15	✓	16	xx		x				x	xx	x							
21		154	10	✓	11	x		x				x	x	x							
22		155	5	✓	4.8	x		x						x							
23		156	5	✓	4.7																
24		157	5	✓	4.5																

Profile type: ROS

Watchkeeper(s): MCg

Bottom Depth: 2545

Trans Clean: Y N Fl. Clean: Y N

Par Status: On / Off

Time UTC Local

Start 2333 1533

Bottom 0608 1008

End 0117

Positional Information

Lat: 48 ° 48.997 N

Lon: 128 ° 40.25 W

Bottom

Lat: 48 ° 49.067 N

Lon: 128 ° 40.061 W

End

Lat: 48 ° 49.03 N

Lon: 128 ° 39.962 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P10

Event #:

26

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

27 01 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Core Samples	Save sheet after printing labels		
1		158	5	✓	x	x	xx				
2			2000	✓							
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: 2667

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

Par Status: On Off

Time

UTC

Local

Start

0545

2145

Bottom

0630

End

0707

Positional Information

Lat: 48 ° 53.642 N

Lon: 129 ° 39.995 W

Bottom

Lat: 48 ° 53.628 N

Lon: 129 ° 39.963 W

End

Lat: 48 ° 53.612 N

Lon: 129 ° 39.992 W

Extra comments:

WATER FOR BARREL OUT OF ORDER

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P12

Event #:

28

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

27-01-2024

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	DOC	TOC	CDOM	3H	Sta Iso			Save sheet after printing labels:	YES
1		159	Bot-10	✓ 3275	xx		x	x	x	x	x	x						
2		160	3000	✓ 3001	x	x	x	x	x	x	x	x						
3		161	3000	✓ 3001	x	x	x	x	x	x	x	x						
4		162	2500	✓ 2501	x	x	x	x	x	x	x	x						
5		163	2000	✓ 2002	x	xx	x	x	x	x	x	x						
6		164	1500	✓ 1501	x	x	x	x	x	x	x	x						
7		165	1250	✓ 1250	xx	x	x	x	x	x	x	x						
8		166	1000	✓ 1000	x	x	x	x	x	x	x	x						
9		167	800	✓ 800	x		xx	xx	x	x	x	x						
10		168	600	✓ 601	x		x	x	xx	x	x	x						
11		169	400	✓ 400	x		x	x	x	x	x	x						
12		170	300	✓ 301	xx		xx		x	x	x	x						
13		171	250	✓ 250	x		x		x	x	x	x						
14		172	200	✓ 200	x		x		x	x	x	x						
15		173	175	✓ 175	x		x		x	x	x	x						
16		174	150	✓ 150	x		x		x	x	x	x						
17		175	125	✓ 126	x		x		x	x	x	x						
18		176	100	✓ 101	x		x		x	x	x	x						
19		177	75	✓ 76	x		x		xx	x	x	x						
20		178	50	✓ 50	x		x		x	x	x	x						
21		179	25	✓ 25	x		x		x	xx	xx	xx						
22		180	10	✓ 11	x		x		x	x	x	x						
23		181	5	✓ 5	xx		x		x									
24		182	5	✓ 5						x	x	x	xx	xx				

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3261

Trans Clean: 0 / N Fl. Clean: 0 / N

Par Status: On / Off

Time UTC Local

Start 10:46 02:46

Bottom 11:43 03:43

End 13:07 05:07

Positional Information

Lat: 48 ° 58.21 N

Lon: 130 ° 40.008 W

Bottom

Lat: 48 ° 58.242 N

Lon: 130 ° 40.005 W

End

Lat: 48 ° 58.267 N

Lon: 130 ° 39.961 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:

2024-002

Station:

P12

Event #:

32

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

27.01.2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	DMS	DMS-P-d	DMS-P-1	Nut-F	CHL	HPIC	POM-FA	SI	flc			Save sheet after printing labels: YES
1		193	600	✓	600	x	x	x	x							Niskin 2, dropping from target
2		194	300	✓	301	x			x							
3		195	200	✓	200	x	x	x	x							
4		196	150	✓	150	x	x	x								
5		197	100	✓	100	x		x	x							
6		198	75	✓	75	x		x	x				x			
7		199	60	✓	60			x	x	xx						
8		200	50	✓	50	x		x	x	xx						
9		201	40	✓	40	x		x	x	xx						
10		202	30	✓	30	x	x	x	x	xx			x			
11		203	25	✓	25	x		x	xx							
12		204	20	✓	20	xx	xx	x	xx							
13		205	15	✓	15	x		xx	x	xx						
14		206	10	✓	10	x		x	x							
15		207	5	✓	5	x	x	x	x	xx						
16		208	5	✓	5						x					
17		209	5	✓	5						xx					
18		210	0	✓	2	x	x	x	x				x			
19																
20																
21																
22																
23																
24																

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CT

Bottom Depth: 3255

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

Par Status: (On) / Off

Time	UTC	Local
Start	17 34	09 34
Bottom	17 45	09 45
End	18 08	10 08

Positional Information

Lat: 48 ° 58.103 N

Lon: 130 ° 40.061 W

Bottom

Lat: 48 ° 58.197 N

Lon: 130 ° 40.030 W

End

Lat: 48 ° 58.282 N

Lon: 130 ° 39.973 W

Extra comments:

DMS

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P26

Event #:

46

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

30-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C	Core Samples		Save sheet after printing labels:	YES
7		235	1500		X	X		X	X	X				
6		236	1200		XX	XX								
5		237	1000		X	X								
4		238	800		X	X								
3		239	600		X	X								
2		240	400		X	X								
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

Profile type: GO-FIO

Watchkeeper(s): Morgan Griffith

Bottom Depth: 4266

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

Pay Status: On / Off

Time UTC Local

Start 06:41 22:41 (29)

Bottom 07:31 23:31 (29)

End 08:40 00:40

Positional Information

Lat: 49 ° 59.948 N

Lon: 144 ° 59.951 W

Bottom

Lat: 49 ° 59.996 N

Lon: 144 ° 59.924 W

End

Lat: 49 ° 59.879 N

Lon: 145 ° 0.026 W

Extra comments:

TIM Deep

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P26

Event #:

47

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

30-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Ltg	Sal	Nut-F	Core Samples	Save sheet after printing labels: YES
r7		241	200		x	x		x	x		
6		242	150		x	x					
r5		243	100		x	x	xxx				
4		244	75		x	x					
3		245	50		x	x	xxx				
2		246	35		x	x	xxx				
r1		247	10		x	x	xxx				
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

Profile type: GO-FIO

Watchkeeper(s): M6/CAD

Bottom Depth: 8 4216

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

Par Status: On / Off

Time	UTC	Local
Start	1044	
Bottom	1120	
End		

Positional Information

Lat: 49 ° 59.983 N

Lon: 144 ° 59.968 W

Bottom

Lat: 49 ° 59.974 N

Lon: 145 ° 0.026 W

End

Lat: 49 ° N

Lon: ° W

Extra comments:

TM Shallow

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P26

Event #:

50

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

30-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	Sal	Nit-F	Nit-C	DIC	DOC	TOC	CDOM	SPE-CDOM	ALK			Save sheet after printing labels:	YES
1	1	211	Bot-10	✓	4317	x		x	x	x	x	x		x				
2	2	212	4000	✓	4001	x	x	x	x	x	x	x		x				
3	3	213	3500	✓	3500	x	x	x	x	x	x	x		x				
4	4	214	3000	✓	3004	xx	x	x	x	x	x	x		x				
5	5	215	2500	✓	2501	x	xx	x	x	x	x	x		x				
6	6	216	2000	✓	2002	x	x	x	x	x	x	x		x				
7	7	217	1500	✓	1502	x	x	x	x	x	x	x		x				
8	8	218	1250	✓	1251	x	x	x	x	x	x	x		x				
9	9	219	1000	✓	1000	xx	x	xx	x	x	x	x		x				
10		220	800	✓	801	x		x	xx	x	x	x		xx				
11		221	600	✓	602	x	x	x	x	x	x	x		x				
12		222	400	✓	400	x		xx	x	x	x	x		x				
13		223	300	✓	302	x			x	x	x	x		x				
14		224	250	✓	251	xx			x	x	x	x		x				
15		225	200	✓	201	x	x	x	x	x	x	x		x				
16		226	175	✓	175	x		x	x	x	x	x		x				
17		227	150	✓	150	x			x	x	x	x		x				
18		228	125	✓	125	xx		x	x	x	x	x		x				
19		229	100	✓	100	x			x	x	x	x		x				
20		230	75	✓	75	x			xx	x	x	x		xx				
21		231	50	✓	50	x			x	xx	xx	xx		x				
22		232	25	✓	25	x			x	x	x	x		x				
23		233	10	✓	10	x			x	x	x	x		x				
24		234	5	✓	5	x			x	x	x	x		x				

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): JL, MB

Bottom Depth: 4267

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

Par Status: On / (Off)

Time	UTC	Local
Start	1345	0545
Bottom	1501	0701
End	1709	0909

Positional Information

Lat: 50 ° 0.017 N

Lon: 145 ° 0.060 W

Bottom

Lat: 49 ° 59.962 N

Lon: 144 ° 59.957 W

End

Lat: 49 ° 59.977 N

Lon: 144 ° 59.907 W

Extra comments:

Deep

Swapped for 9p-0506, changed nylon cable, took PAR off

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P26

Event #:

51

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

30 Jan 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:				Core Samples				Comments			
			Target Pressure	Confirmed Pressure	VR	MA	MA	MA	VC	VC/VR	VR/mg	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR
1		248	600	✓	600	x	x	x	x																	
2		249	300	✓	300	x			x																	
3		250	200	✓	200	x	x	x	xx																	
4		251	150	✓	151	x	x	x	x																	
5		252	100	✓	100	x			x	x																
6		253	75	✓	75	x			x	x																
7		254	60	✓	60				x	x	xx															
8		255	50	✓	52	x			x	x	xx															
9		256	40	✓	40	x			x	x	xx															
10		257	30	✓	30	x	x	x	x	x	xx															
11		258	25	✓	25	x			x	x																
12		259	20	✓	21	xx	xx	xx	x	xx																
13		260	15	✓	16	x			x	x	xx															
14		261	10	✓	10	x			x	x																
15		262	5	✓	5	x	x	x	x																	
16		263	5	✓	5					x	xx															
17		264	5	✓	5																					
18		265	5	✓	5																					
19		266	0	✓	2.9	x	x	x	x	xx																
20																										
21																										
22																										
23																										
24																										

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): JT

Bottom Depth: 4266 (s)

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

Par Status: (On) / Off

Time UTC Local

Start	19:11	11:11
Bottom	19:30	11:30
End	20:02	

Positional Information

Lat: 49 ° 59.982	N
Lon: 144 ° 59.914	W

Bottom

Lat: 49 ° 59.998	N
Lon: 145 ° 0.038	W

End

Lat: 50 ° 0.035	N
Lon: 145 ° 0.248	W

Extra comments:

DMS

Par 001

Water Properties Group

Program
STN List:

All Sns

Sampling Log

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

Cruise ID:

2024-002

Station:

Seamount

Event #:

57

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

31 JAN 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initiale / Samples Taken	Sample Lists: Core Samples		Comments
			Target Pressure	Confirmed Pressure		FLC		
1		267	50		x			
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: 4333

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

Par Status: On / Off

Time	UTC	Local
Start	2237	1437
Bottom	0105	
End	0214	

Positional Information

Lat:	52° 31.37	N
Lon:	148° 53.07	W

Lat:	52° 31.49	N
Lon:	148° 53.18	W

Lat:	52° 31.48	N
Lon:	148° 53.14	W

Extra comments:

Blue loops, 2X CHL, 5ml H₂O, 5ml H₂SO₄

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P25

Event #:

64

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples		Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HP/LC			
1		268	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										

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3727

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

Par Status: On / (Off)

Time

UTC

Local

Start11:1403:14

Bottom12:0904:09

End13:2105:21

Positional Information

Lat: 49 ° 59.952 N

Lon: 143 ° 36.280 W

Lat: 50 ° 0.084 N

Lon: 143 ° 36.676 W

End

Lat: 50 ° 0.131 N

Lon: 143 ° 36.560 W

Extra comments:

PAR off. very dark still

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P24

Event #:

166

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02-01-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initiale / Samples Taken				Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	DOC	TOC	CDOM	Sal	SPE-CDM	
1		269	Bot-10	✓ 4044				x	x	x			
2		270	3500	✓ 3504				x	x	x	x		
3		271	3000	✓ 2998				x	x	x	x		
4		272	2500	✓ 2500				x	x	x	xx		
5		273	2000	✓ 2000				x	x	x	x	x	
6		274	1750	✓ 1749				x	x	x	x		
7		275	1500	✓ 1499				x	x	x	x		
8		276	1250	✓ 1251				x	x	x			
9		277	1000	✓ 1000				x	x	x			SPAGET HARD
10		278	800	✓ 801				x	x	x			
11		279	600	✓ 600				x	x	x			
12		280	400	✓ 400				x	x	x			
13		281	300	✓ 300				x	x	x			SPAGET HARD
14		282	250	✓ 251				x	x	x			
15		283	200	✓ 200				x	x	x			
16		284	175	✓ 176				x	x	x			
17		285	150	✓ 150				x	x	x			
18		286	125	✓ 125				x	x	x			
19		287	100	✓ 100				x	x	x			
20		288	75	✓ 75				x	x	x			
21		289	50	✓ 50				x	x	x			
22		290	25	✓ 25				x	x	x			
23		291	10	✓ 10				xx	xx	xx			
24		292	5	✓ 5		x	x	xx					

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 4006

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

Par Status: On / (Off)

Time	UTC	Local
Start	17 23	09 23
Bottom	18 34	10 34
End	20 17	

Positional Information

Lat: 49 ° 50.182	N
Lon: 142 ° 39.976	W

Bottom

Lat: 49 ° 50.193	N
Lon: 142 ° 39.957	W

End

Lat: 49 ° 50.19	N
Lon: 142 ° 40.04	W

Extra comments:

TOC DOC CDM

P20 FILE

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P23

Event #:

68

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02.02.2024

Niskin #	Firing #	Sample #	Roseette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	POM-FA	SI	Sal	Core Samples		Save sheet after printing labels:	YES
1		293	2005	✓ 2006						x			SPigot O-ring	Sal storage experiment
2		294	2005	✓ 2006						x				Sal storage experiment
3		295	2005	✓ 2006						x			SPigot O-ring	Sal storage experiment
4		296	2005	✓ 2006						x				Sal storage experiment
5		297	5	✓ 5	x	xx	xx			x				Sal storage experiment
6		298	5	✓ 5				x						
7		299	5	✓ 5					xx				SPigot O-ring	
8														
9		5068	Loop			xx				x				
10														
11														
12														
13														
14													SPigot O-ring	
15														
16														
17			293											
18			Sal											
19			P23											
20			2024-002											
21			2005 m										SPigot O-ring	
22			bot 1											
23			bot 2											
24													SPigot O-ring	

Version: 01-Dec-22

Subsampled INTO BOTTLES for salt lab DNR

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 4070

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

Par Status: On / Off

Time UTC Local

Start 2353 1553

Bottom 0028

End 0108

Positional Information

Lat: 49 ° 45.99 N

Lon: 141 ° 39.934 W

Bottom

Lat: 49 ° 45.994 N

Lon: 141 ° 39.897 W

End

Lat: 49 ° 45.906 N

Lon: 141 ° 40.042 W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program STN List:

Alt_Sins

Sampling Log

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

Cruise ID:

2024-002

Station:

P22

Event #:

70

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02 02 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	DOC	TOC	CDOM	Sal	SPE-DOH	Save sheet after printing labels:	YES
1		300	Bot-10	✓ 3983				X	X	X				
2		301	3500	✓ 3502				X	X	X	X			
3		302	3000	✓ 3001				X	X	X	XX			
4		303	2500	✓ 2500				X	X	X	X			
5		304	2000	✓ 1999				X	X	X	X	X		
6		305	1750	✓ 1751				X	X	X	X			
7		306	1500	✓ 1502				X	X	X	X			
8		307	1250	✓ 1252				X	X	X				
9		308	1000	✓ 1001				X	X	X				
10		309	800	✓ 799				X	X	X				
11		310	600	✓ 601				X	X	X				
12		311	400	✓ 400				X	X	X				
13		312	300	✓ 300				X	X	X				
14		313	250	✓ 250				X	X	X				
15		314	200	✓ 200				X	X	X				
16		315	175	✓ 176				X	X	X				
17		316	150	✓ 150				X	X	X				
18		317	125	✓ 125				X	X	X				
19		318	100	✓ 100				X	X	X				
20		319	75	✓ 75				X	X	X				
21		320	50	✓ 49				XX	XX	XX				
22		321	25	✓ 25				X	X	X				
23		322	10	✓ 11				X	X	X				
24		323	5	✓ 5		X	X	XX						

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3920

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

Par Status: On / Off

Time UTC Local

Start 0448 2048

Bottom 0557

End 0728

Positional Information

Lat: 49 ° 41.958 N

Lon: 140 ° 39.979 W

Bottom

Lat: 49 ° 41.972 N

Lon: 140 ° 39.995 W

End

Lat: 49 ° 42.601 N

Lon: 146 ° 40.064 W

Extra comments:

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P21

Event #:

72

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

03-02-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples		Comments Save sheet after printing labels: YES
			Target Pressure	Confirmed ☒ Pressure	Nut-F	CHL	HPLC	SAL				
1		324	5	☒		x	xx	xx	x			
2												
3												
4												
5		5072	Loop			xx		x				
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3979

Trans Clean: ☒ N Fl. Clean: ☒ Y / N

Par Status: On / ☒ Off

Time	UTC	Local
Start	11 18	03 18
Bottom	11 54	03 54
End	12 29	04 29

Positional Information

Lat: 49 ° 38.030 N

Lon: 139 ° 40.036 W

Bottom

Lat: 49 ° 38.076 N

Lon: 139 ° 40.092 W

End

Lat: 49 ° 38.051 N

Lon: 139 ° 40.053 W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P20

Event #:

74

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

03-02-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments
			Target Pressure	Confirmed Pressure	OXY	Sail	Nut-F	Nut-C	DIC	DOC	TOC	CDOM	SPE-CDOM		
1	1	325	Bot-10	✓ 4025	x		x	x	x	x	x				
2	2	326	3500	✓ 3500	x	x	x	x	x	x	x				
3	3	327	3500	✓ 3500	x	x	x	x	x	x	x				
4	4	328	3000	✓ 3000	xx	x	x	x	x	x	x				
5	5	329	2500	✓ 2499	x	xx	x	x	x	x	x				
6	6	330	2000	✓ 2000	x	x	x	x	x	x	x	x			
7	7	331	1500	✓ 1500	x	x	x	x	x	x	x				
8	8	332	1250	✓ 1250	x	x	x	x	xx	x	x	x			
9	9	333	1000	✓ 1000	x	x	xx	xx	x	x	x	x			
10	10	334	800	✓ 800	xx		x	x	x	x	x	x			
11	11	335	600	✓ 600	x		x	x	x	x	x	x			
12	12	336	400	✓ 400	x		xx		x	x	x	x			
13	13	337	300	✓ 300	x		x		x	x	x	x			
14	14	338	250	✓ 250	xx		x		x	x	x	x			
15	15	339	200	✓ 200	x		x		x	x	x	x			
16	16	340	175	✓ 175	x		x		x	x	x	x			
17	17	341	150	✓ 150	x		x		x	x	x	x			
18	18	342	125	✓ 125	xx		x		x	x	x	x			
19	19	343	100	✓ 100	x		x		x	x	x	x			
20	20	344	75	✓ 75	x		x		x	x	x	x			
21	21	345	50	✓ 50	x		x		x	xx	xx	xx			
22	22	346	25	✓ 25	x		x		xx	x	x	x			
23	23	347	10	✓ 10	x		x		x	x	x	x			
24	24	348	5	✓ 5	x		x		x	x	x	x			

Save sheet after printing labels: YES

Save sheet after printing labels: YES

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CL/M8

Bottom Depth: 3986

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

Par Status: On / Off

Time UTC Local

Start 16:20 0821

Bottom 1730

End 1911

Positional Information

Lat: 49 ° 33.981 N

Lon: 138 ° 39.932 W

Bottom

Lat: 49 ° 33.996 N

Lon: 138 ° 39.914 W

End

Lat: 49 ° 33.977 N

Lon: 138 ° 39.940 W

Extra comments:

Deep

Water Properties Group

Program
STN List:

All Sims

Sampling Log

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

Cruise ID:

2024-002

Station:

P20

Event #:

75

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02 02 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples			Comments
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C	
10		349	800		x	x		x	x	x	
r9		350	600		x	x					
8		351	400		x	x					
r7		352	200		xx	xx					
6		353	150		x	x					
r5		354	100		x	x	xxx				
4		355	75		x	x					
3		356	50		x	x	xxx				
2		357	35		x	x	xxx				
r1		358	10		x	x	xxx				
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

Version: 01-Dec-22

Profile type: GO-FIO

Watchkeeper(s): MG

Bottom Depth:

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

Par Status: On / Off

Time UTC Local

Start 2014 1214

Bottom 2100

End 2156 1

MR 2102 164100 WAIT

Positional Information

Lat: 49 ° 33.956 N

Lon: 138 ° 39.989 W

Bottom

Lat: 49 ° 33.954 N

Lon: 138 ° 39.96 W

End

Lat: 49 ° 33.942 N

Lon: 138 ° 39.981 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:

2024-002

Station:

P18

20

Event #:

76

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

03 02 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed Pressure	ML	MA	MA	MP/LC	LC/ML	LC/ML	ML	ML	ML	ML	ML	ML	ML	ML	
1		359	600	✓	600	X	X	X	X										
2		360	300	✓	300	X			X										
3		361	200	✓	200	X	X	X	XX										
4		362	150	✓	150	X	X	X	X										
5		363	100	✓	100	X		X	X										
6		364	75	✓	75	X		X	X										
7		365	60	✓	60			X	X	XX									
8		366	50	✓	50	X		X	X	XX									
9		367	40	✓	40	X		X	X	XX									
10		368	30	✓	30	X	X	X	X	XX									
11		369	25	✓	25	X		X	X										
12		370	20	✓	20	XX	XX	XX	X	X									
13		371	15	✓	15	X		X	X	XX									
14		372	10	✓	10	X		X	XX										
15		373	5	✓	5	X	X	X	X	XX									
16		374	5	✓	5														
17		375	5	✓	5														
18		376	0	✓	0	X	X	X	X	XX									
19																			
20																			
21																			
22																			
23																			
24																			

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3975

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

Par Status: On / Off

Time UTC Local

Start 2212 1412

Bottom 2223

End 2250

Positional Information

Lat: 49 ° 33.983 N

Lon: 138 ° 39.975 W

Bottom

Lat: 49 ° 33.97 N

Lon: 138 ° 39.994 W

End

Lat: 49 ° 33.962 N

Lon: 138 ° 39.968 W

Extra comments:

DMS

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P19

Event #:

81

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04 02 2024

Niskin #	Firing #	Sample #	Roseette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples		Comments Save sheet after printing labels: YES
			Target Pressure	Confirmed Pressure	Nilt-F	CHL	HPLC	SAL				
1		377	5	✓ 5.4	x	xx	xx	x				SALINITY SRIKE ✓ 493
2												
3												
4												
5		5081	Loop			xx		x				
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Version: 01-Dec-22

Profile type:	ROS
Watchkeeper(s):	MC

Bottom Depth:	3949
Trans Clean:	Y / N Fl. Clean: Y / N
Par Status:	On / Off

Time		UTC		Local	
Start		0446		0446	(3)
Bottom		0521			
End		0558			

Positional Information

Lat:	49 ° 30.007	N
Lon:	137 ° 39.995	W

Lat:	49 ° 30.018	N
Lon:	137 ° 40.062	W

Lat:	49 ° 30.066	N
Lon:	137 ° 40.087	W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P18

Event #:

83

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04-02-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core, Samples						Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	POM-FA	SI	DOC	TOC	CDOM	Sal	SPE-DO			Save sheet after printing labels:	YES
1	1	378	Bot-10	✓	388					X	X	X						
2		379	3500	✓	3501					X	X	X	XX					
3		380	3000	✓	3000					X	X	X	X					
4		381	2500	✓	2501					X	X	X	X					
5		382	2000	✓	2000					X	X	X	X	X				
6		383	1500	✓	1501					X	X	X	X					
7		384	1000	✓	1000					X	X	X	X					
8		385	800	✓	800					X	X	X	X					
9		386	600	✓	600					X	X	X	X					
10		387	400	✓	401					X	X	X	X					
11		388	300	✓	300					X	X	X	X					
12		389	250	✓	251					X	X	X	X					
13		390	200	✓	201					X	X	X	X					
14		391	175	✓	179					X	X	X	X					
15		392	150	✓	151					X	X	X	X					
16		393	125	✓	125					X	X	X	X					
17		394	100	✓	100					X	X	X	X					
18		395	75	✓	76					X	X	X	X					
19		396	50	✓	50					X	X	X	X					
20		397	25	✓	25					XX	XX	XX	XX					
21		398	10	✓	10					X	X	X	X					
22		399	5	✓	5	X	X	XX		X	X	X	X					
23		400	5	✓	5			X										
24		401	5	✓	5			XX	XX									

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CT

Bottom Depth: 3856

Trans Clear: Y N FI. Clean: Y N

Par Status: On / Off

Time	UTC	Local
Start	09:38	01:38
Bottom	10:47	02:47
End	12:11	04:11

Positional Information

Lat: 49 ° 26.006 N

Lon: 136 ° 39.920 W

Bottom

Lat: 49 ° 25.932 N

Lon: 136 ° 39.878 W

End

Lat: 49 ° 25.923 N

Lon: 136 ° 39.946 W

Extra comments:

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P17

Event #:

85

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04-02-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples		Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HP/LC	SAL				
13	3	402	5	✓	6		x	xx	xx	x		forget to undock
21	1	403	2005	✓	2005							"sequential" bottle
22	2	404	2005	✓	2005							five " in configuration
4												inputs in seaward
5		5085	Loop				xx		x			prior to cast
6												!! had to change
7												labels to reflect
8												Δ bottle # of
9												5m bottle
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3662

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

Par Status: (On) / Off

Time	UTC	Local
Start	15:56	0756
Bottom	16:32	0832
End	17:07	0907

Positional Information

Lat: 49 ° 20.979 N

Lon: 135 ° 39.995 W

Bottom

Lat: 49 ° 20.974 N

Lon: 135 ° 40.000 W

End

Lat: 49 ° 20.974 N

Lon: 135 ° 40.007 W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P16

Event #:

88

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04 02 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed Pressure	DMS	DMS-P-d	DMS-P-l	Nut-F	CHL	HPLC	POM-FA	SI	
1		405	600	✓	600	x	x	x	x				
2		406	300	✓	301	x			x				
3		407	200	✓	201	x	x	x	xx				
4		408	150	✓	150	x	x	x					
5		409	100	✓	100	x		x	x				
6		410	75	✓	75	x		x	x				
7		411	60	✓	60			x	x	xx			
8		412	50	✓	50	x		x	x	xx			
9		413	40	✓	41	x		x	x	xx			
10		414	30	✓	31	x	x	x	x	xx			
11		415	25	✓	25	x		x	x				
12		416	20	✓	20	xx	xx	xx	x	x			
13		417	15	✓	15	x		x	x	xx			
14		418	10	✓	11	x		x	xx				
15		419	5	✓	5	x	x	x	x	xx			
16		420	5	✓	5								
17		421	5	✓	5								
18		422	0	✓	2.5	x	x	x	xx				
19													
20													
21													
22													
23													
24													

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3658

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

Par Status: On / Off

Time	UTC	Local
Start	2046	1846
Bottom	2057	
End	2124	

Positional Information

Lat: 49 ° 16.963 N

Lon: 134 ° 40.078 W

Lat: 49 ° 16.976 N

Lon: 134 ° 40.015 W

Lat: 49 ° 17.611 N

Lon: 134 ° 40.006 W

Extra comments:

DMS

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P16

Event #:

89

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04 02 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C	Save sheet after printing labels: YES
10		423	800		x	x		x	x	x	
r9		424	600		x	x					
8		425	400		xx	xx					
r7		426	200		x	x					
6		427	150		x	x					
r5		428	100		x	x	xxx				
4		429	75		x	x					
3		430	50		x	x	xxx				
2		431	35		x	x	xxx				
r1		432	10		x	x	xxx				
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

Profile type: GO-Flo

Watchkeeper(s): M6

Bottom Depth: 3658

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

Par Status: On / Off

Time UTC Local

Start 2137 1337

Bottom 2220

End 2309

MR 2222

Positional Information

Lat: 49 ° 16.998 N

Lon: 134 ° 40.037 W

Bottom

Lat: 49 ° 16.999 N

Lon: 134 ° 39.961 W

End

Lat: 49 ° 17.01 N

Lon: 134 ° 40.59 W

Extra comments:

TM

Kevlar line starting to fray at 490m

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P16

Event #:

90

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04.02.2024

Niskin #	Firing #	Sample #	Target Pressure		Confirmed Pressure		Sample Lists: Core Samples										Comments
			Pressure	✓	Pressure	Pressure	Sal	Nut-F	Nut-C	DIC	DOC	TOC	CDOM	3H	Sta Iso		
1		433	Bot-10	✓	3684	X		X	X			X	X	X			Big spike @ 2060
2		434	3500	✓	3500	X	X	X	X			X	X	X			IN Filter + Small IN
3		435	3500	✓	3500	X	X	X	X			X	X	X			Salinity ↓
4		436	3000	✓	2998	XX	X	X	X			X	X	X			Bot 5 @
5		437	2500	✓	2500	X	XX	X	X			X	X	X			2570 7
6		438	2000	✓	2500	X	X	X	X			X	X	X			
7		439	1500	✓	2001	X	X	X	X			X	X	X			
8		440	1000	✓	1500	X	X	X	X			X	X	X			No 1250 water
9		441	1000	✓	1001	X	X	XX	XX			X	X	X			
10		442	800	✓	800	XX		X	X			X	X	X			
11		443	600	✓	599	X		X	X			X	X	X			
12		444	400	✓	400	X		XX				X	X	X			60 s ↑
13		445	300	✓	300	X		X				X	X	X			
14		446	250	✓	251	XX		X				X	X	X			
15		447	200	✓	201	X		X				X	X	X			
16		448	175	✓	176	X		X				X	X	X			
17		449	150	✓	150	X		X				X	X	X			
18		450	125	✓	126	XX		X				X	X	X			
19		451	100	✓	100	X		X				X	X	X			
20		452	75	✓	76	X		X				X	X	X			
21		453	50	✓	50	X		X				XX	XX	XX			
22		454	25	✓	25	X		X				X	X	X			
23		455	10	✓	10	X		X				X	X	X			
24		456	5	✓	5	X		X				X	X	XX			

Version: 01-Dec-22

Save sheet after printing labels: YES

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): M4

Bottom Depth: 3664

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

Par Status: On / Off

Time UTC Local

Start 2352 1852

Bottom 0058

End 0228

Positional Information

Lat: 49 ° 16.989 N

Lon: 134 ° 46.055 W

Bottom

Lat: 49 ° 16.962 N

Lon: 134 ° 39.958 W

End

Lat: 49 ° 16.995 N

Lon: 134 ° 40.037 W

Extra comments:

Deep

RAC OFF

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P15

Event #:

94

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

05 02 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lets: Core Samples		Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPIC		Sal	
1		457	5		X	XX	XX		X	
2										
3										
4										
5		5094	Loop			XX			X	
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MS/C1

Bottom Depth: 3534

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

Par Status: On / Off

Time

UTC

Local

Start

08 00

00 00

Bottom

08 36

00 36

End

09 09

01 09

Positional Information

Lat: 49 ° 11.988

Lon: 123 ° 39.984

N

W

Lat: 49 ° 11.981

Lon: 123 ° 39.956

N

W

Lat: 49 ° 11.980

Lon: 123 ° 39.948

N

W

Extra comments:

Plus loops, 2x CHL and 1x SAL

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-002

Station:

P14

Event #:

96

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

05-02-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:				Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	POM-FA	SI	DOC	TOC	CDOM	Sal	Core Samples		Save sheet after printing labels
1		458	Bot-10	✓						X	X	X	X			
2		459	3000	✓						X	X	X	X			
3		460	2500	✓						X	X	X	X			
4		461	2000	✓						X	X	X	X			
5		462	1500	✓						X	X	X	XX			
6		463	1250	✓						X	X	X	X			
7		464	1000	✓						X	X	X	X			
8		465	800	✓						X	X	X	X			
9		466	600	✓						X	X	X	X			
10		467	400	✓						X	X	X	X			
11		468	300	✓						X	X	X	X			
12		469	250	✓						X	X	X	X			
13		470	200	✓						X	X	X	X			
14		471	150	✓						X	X	X	X			
15		472	125	✓						X	X	X	X			
16		473	100	✓						X	X	X	X			
17		474	75	✓						X	X	X	X			
18		475	50	✓						X	X	X	X			
19		476	25	✓						X	X	X	X			
20		477	10	✓						XX	XX	XX	X			
21		478		✓						X	X	X	X			
22		479	5	✓												
23		480	5	✓												
24		481	5	✓												

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): JT

Bottom Depth: 3833

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

Par Status: On / (Off)

Time UTC Local

Start 1300 0500

Bottom 1406 0606

End 1531 0731

Positional Information

Lat: 49 ° 7.381 N

Lon: 132 ° 39.914 W

Bottom

Lat: 49 ° 7.516 N

Lon: 132 ° 39.894 W

End

Lat: 49 ° 7.416 N

Lon: 132 ° 39.948 W

Extra comments:

Water Properties Group

Program STN List:

All Sins

Sampling Log

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

Cruise ID:

2024-002

Station:

P13

Event #:

98

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

05-02-2024

Niskin #	Firing #	Sample #	Roseette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples				Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Sal					
1		482	5	✓ 413	x	xx	xx	x					
2													
3													
4													
5		5098	Loop			xx		x					
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CF / Mq

Bottom Depth: 3830

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

Par Status: (On) / Off

Time UTC Local

Start 19:18 11:18

Bottom 1954

End 2031

Positional Information

Start

Lat: 49 ° 2.598 N

Lon: 131 ° 39.949 W

Bottom

Lat: 49 ° 02.564 N

Lon: 131 ° 39.992 W

End

Lat: 49 ° 02.604 N

Lon: 131 ° 39.896 W

Extra comments:

Plus loops, 2x CHL and 1x SAL