

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	MG/K	L	DC	L	K	DC							Save sheet after printing labels:	
					OXY	Nut-F	DIC	CHL	HPLC	3H	Sta	Iso					YES	
1		1	Bot-10	✓ 120	x	x	x										REDRAW 1	
2		2	75	✓ 75	xx	x												
3		3	30	✓ 30	x	x	xx											
4		4	5	✓ 5	x	x	x											
5		5	5	✓ 5				x	xx	xx	RM							
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): NK

Bottom Depth: 128

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

Par Status: On / Off

Time	UTC	Local
Start	1256	0556
Bottom	1300	
End	1308	

Positional Information

Start

Lat: 48 ° 34.495 N

Lon: 125 ° 29.942 W

Bottom

Lat: 48 ° 34.459 N

Lon: 125 ° 29.946 W

End

Lat: 48 ° 34.447 N

Lon: 125 ° 29.947 W

Extra comments:

ALT NOT WORKING

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	WG/KC	LW	LW/DC	KC	KC	KC	MR	MR	MA	MA	LW	WG/DC	Save sheet after printing labels:	
					OXY	Nut-F	DIC	DOC	TOC	CDOM	3H	DMS	DMSP-d	DMSP-t	CHL	HPLC	Stat Iso	YES
1		6	Bot-10	✓	110	x	x	x	x	x								
2		7	100	✓	101	x	x	x	x	x								
3		8	100	✓	101						xx	x	x	x	x			
4		9	75	✓	75	x		x	x	x								
5		10	75	✓	75		xx					x			x			
6		11	50	✓	50	x	x	xx	xx	xx	xx							
7		12	50	✓	50						xx	x			x			GUSHING CAP BOTTOM
8		13	40	✓	40		x					x			xx			
9		14	30	✓	30		x					x			x	xx		
10		15	25	✓	25	xx		x	x	x	x							DIC B4 OXY RESTART
11		16	25	✓	25		x					x			x	xx		
12		17	20	✓	20		x					xx	xx	xx	x	xx		
13		18	15	✓	15		x					x			x	xx		
14		19	10	✓	11	x		x	x	x	x							
15		20	10	✓	11		x					x			x	xx		
16		21	5	✓	6	x		x	x	x	x							
17		22	5	✓	6		x				xx	x	x	x	x	xx		
18		23	0	✓	0		x					x	x	x	xx			
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): PL

Bottom Depth: 119

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

Par Status: (On) / Off

Time	UTC	Local
Start	1530	0830
Bottom	1533	
End	1547	

Positional Information

Start	Lat: 48 ° 36 08 N
	Lon: 126 ° 00 16 W
Bottom	Lat: 48 ° 36 07 N
	Lon: 126 ° 00 14 W
End	Lat: 48 ° 36 02 N
	Lon: 126 ° 00 02 W

Extra comments:

Cruise ID: 2024-006

Station: P3

Event #: 10

Ship: JP Tully

UTC Date (dd-mm-yyyy): 01-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed	Nut-F	CHL	HPLC	3H	Sta Iso									Save sheet after printing labels: YES
			✓	Pressure														
1		24	5	✓	5	x	x	xx										
2		25	5	✓	5				xx									
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): DC

Bottom Depth: 800

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

Par Status: On / Off

Time	UTC	Local
Start	17 30	1030
Bottom	17 42	
End	17 56	

Positional Information

Start	Lat:	48 ° 37 53	N
	Lon:	126 ° 20 02	W
Bottom	Lat:	48 ° 37 52	N
	Lon:	126 ° 20 02	W
End	Lat:	48 ° 37 52	N
	Lon:	126 ° 20 03	W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P4

Event #: 12

Ship: JP Tully

UTC Date (dd-mm-yyyy): 01-05-2024

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	10	26	800	✓		x	x		x	x	x						
r9	9	27	600	✓		xx	xx										
8	8	28	400	✓		x	x										
r7	7	29	200	✓		x	x										
6	6	30	150	✓		x	x										
r5	5	31	100	✓		x	x	xxx									
4	4	32	75	✓		x	x										
3	3	33	50	✓		x	x	xxx									
2	2	34	35	✓		x	x	xxx									
r1	1	35	10	✓		x	x	xxx									
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: Go-Flots -RDS

Watchkeeper(s): DC

Bottom Depth: 1338

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

Par Status: On / Off

Time	UTC	Local
Start	22:42	15:43
Bottom	23:25	16:25
End	00:13	17:13

Positional Information

Start

Lat: 48 ° 38.982 N

Lon: 126 ° 40.096 W

Bottom

Lat: 48 ° 39.052 N

Lon: 126 ° 39.983 W

End

Lat: 48 ° 39.031 N

Lon: 126 ° 39.809 W

Extra comments:

TM

Version: 01-Dec-22

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P4

Event #: 13

Ship: JP Tully

UTC Date (dd-mm-yyyy): 02-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments		
			Target Pressure	Confirmed ✓ Pressure	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	Form	Glut	Lugol's	3H				
1		36	600	✓	600	x	x	x	x	x									
2		37	400	✓	400	x			x	x						xx			
3		38	300	✓	300	x			x							xx			
4		39	250	✓	250											xx			
5		40	200	✓	200	x	x	x	x							xx			
6		41	150	✓	150	x	x	x	x							xxxx			
7		42	100	✓	100	x			x		x								
8		43	75	✓	75	x			x		x					xx			
9		44	60	✓	60				x		x	xx							
10		45	50	✓	50	x			x		x	xx				xx			
11		46	40	✓	40	x			x		x	xx							
12		47	30	✓	30	x	x	x	x		x	xx							
13		48	25	✓	25	x			x		xx								
14		49	20	✓	20	xx	xx	xx	x		x								
15		50	15	✓	15	x			x		x	xx							
16		51	10	✓	10	x			xx		x								
17		52	5	✓	5	x	x	x	x							xx			
18		53	5	✓	5				x		x	xx	x	x	x				
19		54	0	✓	2.0	x	x	x	x		xx								
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 1338

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

Par Status: On / Off

Time UTC Local

Start 00:22 17:22

Bottom 00:33 17:33

End 00:56 17:56

Positional Information

Start

Lat: 48 ° 39.011 N

Lon: 126 ° 39.758 W

Bottom

Lat: 48 ° 39.024 N

Lon: 126 ° 39.752 W

End

Lat: 48 ° 39.078 N

Lon: 126 ° 39.734 W

Extra comments:

DMS

Version: 01-Dec-22

Water Properties Group

Program
STN List:

All Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P4

Event #:

14

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02-05-2024

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed													Save sheet after printing labels: YES		
				✓	Pressure	Cesium	Sta Iso												
1		55	250	✓	250	x	x												
2			250	✓	250	X													
3			250	✓	250	X													
4			250	✓	250	X													
5			250	✓	250	X													
6			250	✓	250	X													
7			250	✓	250	X													
8		56	200	✓	200	x	x												
9			200	✓	200	X													
10			200	✓	200	X													
11			200	✓	200	X													
12			200	✓	200	X													
13			200	✓	200	X													
14			200	✓	200	X													
15		57	150	✓	150	x	x												
16			150	✓	150	X													
17			150	✓	150	X													
18			150	✓	150	X													
19			150	✓	150	X													
20			150	✓	150	X													
21			150	✓	150	X													
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s):

Bottom Depth: 1329

Trans Clean: Y / N Fl. Clean: N

Par Status: On / Off

Time	UTC	Local
Start	01:43	18:43
Bottom	01:49	18:49
End	01:57	18:50

Positional Information

Lat:	48 ° 39.06	N
Lon:	126 ° 40.035	W

Start

Lat:	48 ° 39.065	N
Lon:	126 ° 40.02	W

Bottom

Lat:	48 ° 39.065	N
Lon:	126 ° 40.085	W

End

Extra comments:

Cs-Deep

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P4

Event #:

15

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed ✓ Pressure	Cesium	Sta Iso							Save sheet after printing labels: YES			
1		58	75	✓	75	x	x									
2			75	✓	75	X										
3			75	✓	75	X										
4			75	✓	75	X										
5			75	✓	75	X										
6			75	✓	75	X										
7			75	✓	75	X										
8		58	75	✓	75	x	x									
9		59	50			X										
10			50			X										
11			50			X										
12			50			X										
13			50			X										
14			50			X										
15		58	50			x	x									
16			50			X										
17		60	5			X										
18			5			X										
19			5			X										
20			5			X										
21			5			X										
22			5													
23			5													
24			5													

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 1331

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

Par Status: On / Off

Time	UTC	Local
Start	02:36	19:36
Bottom	02:39	19:39
End	02:46	19:46

Positional Information

Start	Lat: 48 ° 39.059	N
	Lon: 126 ° 40.079	W

Bottom	Lat: 48 ° 39.056	N
	Lon: 126 ° 40.078	W

End	Lat: 48 ° 39.065	N
	Lon: 126 ° 40.085	W

Extra comments:

Cs-Shallow

CTD to 150 m please.

1322

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P4

Event #:

18

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02-05-2024

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	ONAr					
1		61	Bot-10	✓	1317	x		x	x	x	x	x						
2		62	1250	✓	1250	x	x	xx	xx	x	x	x						
3		63	1000	✓	1000	xx	x	x	x	x	x	x						
4		64	800	✓	800	x	xx	x	x	xx	x	x						
5		65	600	✓	600	x		x	x	x	x	x						
6		66	400	✓	399	x		x	x	x	x	x						
7		67	300	✓	300	x		x		x	x	x						
8		68	250	✓	250	x		x		x	x	x						
9		69	200	✓	200	x		xx		x	x	x						
10		70	175	✓	175	xx		x		x	x	x						
11		71	150	✓	150	x		x		x	x	x						
12		72	125	✓	125	x		x		xx	x	x						
13		73	100	✓	100	x		x		x	x	x						
14		74	75	✓	75	x		x		x	x	x						fired after 10 secs
15		75	50	✓	50	x		x		x	xx	xx	xx					
16		76	25	✓	25	x		x		x	x	x						
17		77	10	✓	10	xx		x		x	x	x						
18	↻	78	5			x		x		x	x	x						
19	↻	79	5										x					leaky so ONAr taken from 18 & other samples from 19
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 1334

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

Par Status: On / Off

Time	UTC	Local
Start	04:56	21:56
Bottom	05:20	22:20
End	05:56	

Positional Information

Lat:	48 ° 38.991	N
Lon:	126 ° 39.995	W

Lat:	48 ° 39.042	N
Lon:	126 ° 39.958	W

Lat:	48 ° 39.016	N
Lon:	126 ° 39.93	W

Extra comments:

Deep

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓	Pressure	Nut-F	CHL	HPLC	ONAr	3H									
1		80	5	✓	5	x	x	xx											
2		81	5	✓	5				X	xx									
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: 2114

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

Par Status: On / Off

Time	UTC	Local
Start	0826	0126
Bottom	0902	
End	0935	

Positional Information

Start	Lat: 48 ° 41.49	N
	Lon: 127 ° 10.06	W
Bottom	Lat: 48 ° 41.48	N
	Lon: 127 ° 10.03	W
End	Lat: 48 ° 41.48	N
	Lon: 127 ° 09.99	W

Extra comments:

NEW ALT 76341

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓	Pressure	Nut-F	CHL	HPLC	ONAr	3H									
1		82	5	✓	6	x	x	xx											
2		83	5	✓	6				X	xx									
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: 2572

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

Par Status: On / Off

Time	UTC	Local
Start	1153	0453
Bottom	1230	
End	1305	

Positional Information

Start	Lat: 48 ° 44.58	N
	Lon: 127 ° 39.99	W
Bottom	Lat: 48 ° 44.61	N
	Lon: 127 ° 40.05	W
End	Lat: 48 ° 44.61	N
	Lon: 127 ° 39.98	W

Extra comments:

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P7

Event #:

21

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

02 MAY 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	Nut-F	CHL	HPLC	ONAr	3H		Sal					Save sheet after printing labels: YES	
1		84	5			x	xx	xx				x						
2		85	5						X	xx								
3																		
4		5021	Loop				xx					x						
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): DL

Bottom Depth: 2533

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

Par Status: On / Off

Time	UTC	Local
Start	1526	0826
Bottom	1601	
End	1636	

Positional Information

StartLat: 48 ° 46 59 N

StartLon: 128 ° 10 22 W

BottomLat: 48 ° 46 62 N

BottomLon: 128 ° 10 13 W

EndLat: 48 ° 46 62 N

EndLon: 128 ° 10 16 W

Extra comments:

+loops

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed ✓ Pressure														Save sheet after printing labels:	
					OXY	Sal	Nut-F	Nut-C	CHL	HPLC	DOC	CDOM	3H		ONAr		YES		
1		86	2000	✓ 2000	xx	xx	x	x			x	x							
2		87	1500	✓ 1500	x	x	x	x			x	x							
3		88	1250	✓ 1250	x	x	x	x			x	x							
4		89	1000	✓ 1000	x	x	xx	xx			x	x							
5		90	800	✓ 799	x	x	x	x			x	x							
6		91	600	✓ 599	x		x	x			x	x							
7		92	400	✓ 400	xx		x	x			x	x	xx						
8		93	300	✓ 301	x		x				x	x	xx						
9		94	250	✓ 249	x		x				x	x	xx						
10		95	200	✓ 200	x		x				x	x	xxxx						
11		96	150	✓ 149	x		x				x	x	xx						
12		97	125	✓ 125	x		x				x	x							
13		98	100	✓ 100	x		x		x		x	x							
14		99	75	✓ 75	x		x		x		x	x	xx						
15		100	60	✓ 60	xx		xx		x	xx	x	x							
16		101	50	✓ 50	x		x		x	xx	x	x	xx				only had enough H ₂ O		
17		102	40	✓ 40	x		x		x	xx	xx	xx							
18		103	30	✓ 30	x		x		x	xx	x	x					HPLC from 18 may		
19		104	25	✓ 25	x		x		xx		x	x					be from bottle #		
20		105	20	✓ 20	x		x		x		x	x					↳ ran out of bottle		
21		106	15	✓ 15	xx		x		x	xx	x	x					18 water =		
22		107	10	✓ 10	x		x		xx		x	x							
23		108	5	✓ 5	x		x				x	x	xx						
24		109	5	✓ 5					x	xx						X			

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 2545

Trans Clean: ☒ N Fl. Clean: ☒ N

Par Status: ☒ On / Off

Time	UTC	Local
Start	11:26	17:26
Bottom	20:02	13:02
End	20:58	13:58

Positional Information

Start

Lat: 48 ° 49.012 N
Lon: 128 ° 39.926 W

Bottom

Lat: 48 ° 49.003 N
Lon: 128 ° 39.94 W

End

Lat: 48 ° 49.027 N
Lon: 128 ° 39.939 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P9

Event #: 25

Ship: JP Tully

UTC Date (dd-mm-yyyy): 02-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	ONAr	3H	Sal									
1		110	5	✓	5	x	xx	xx				x							
2		111	5	✓	5				X	xx									
3																			
4		5025	Loop				xx					x							accidentally taken
5																			when rosette
6																			was near
7																			bottom, rather
8																			than at the
9																			surface. probably
10																			N 24:00 UTC
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 2367

Trans Clean: Y / N

Fl. Clean: Y / N

Par Status: On / Off

Time

UTC

Local

Start

23:20

16:20

Bottom

23:54

16:54

End

00:29

17:29

Positional Information

Start

Lat: 48 ° 51.444

N

Lon: 129 ° 9.96

W

Bottom

Lat: 48 ° 51.422

N

Lon: 129 ° 9.974

W

End

Lat: 48 ° 51.433

N

Lon: 129 ° 10.008

W

Extra comments:

+loops

Version: 01-Dec-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples								Comments
			Target Pressure	Confirmed ✓	Pressure	Nut-F	CHL	HPLC	ONAr	3H								
1		112	5	✓	5	x	x	xx										ran out of water after
2		113	5	✓	5				X	xx								HPLC & 3H (accidentally
3																		took 3H from Niskin
4																		1 instead of 2)
5																		took chl & nut from 2
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: 2668

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

Par Status: On / Off

Time	UTC	Local
Start	03:03	20:03
Bottom	03:38	20:38
End	04:14	21:14

Positional Information

Start

Lat: 48 ° 53.666 N

Lon: 129 ° 40.058 W

Bottom

Lat: 48 ° 53.68 N

Lon: 129 ° 40.092 W

End

Lat: 48 ° 53.672 N

Lon: 129 ° 40.067 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P11

Event #: 27

Ship: JP Tully

UTC Date (dd-mm-yyyy): 03 MAY 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	ONAr	3H	Sal								
1		114	5			x	xx	xx				x						
2		115	5						X	xx								
3																		
4		5027	Loop				xx					x						
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): PC

Bottom Depth: 2782

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

Par Status: On / Off

Time

UTC

Local

Start

6 39

23 39

Bottom

7 11

End

7 44

Positional Information

Start

Lat: 48 ° 56 046 N

Lon: 130 ° 10 025 W

Bottom

Lat: 48 ° 56 058 N

Lon: 130 ° 10 015 W

End

Lat: 48 ° 56 058 N

Lon: 130 ° 10 008 W

Extra comments:

+loops

Version: *

01-Dec-22

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P12

Event #: 28

Ship: JP Tully

UTC Date (dd-mm-yyyy): 03 . 05 . 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments				
			Target Pressure	Confirmed Pressure	M	K	L	D	K	L	Core_Samples	Comments	Save sheet after printing labels: YES				
			✓	✓													
1		116	Bot-10	✓	3268	x		x	x	x	x	x					CHIRP@100m
2		117	3000	✓	3001	xx	x	x	x	x	x	x					
3		118	2500	✓	2501	x	xx	x	x	x	x	x					SAKE 7340 OXY SALV
4		119	2000	✓	2001	x	x	xx	xx	x	x	x					3050 OXY↓
5		120	1500	✓	1500	x	x	x	x	xx	x	x					3190 OXY↓
6		121	1250	✓	1250	x	x	x	x	x	x	x					
7		122	1000	✓	997	xx	xx	x	x	x	x	x					
8		123	800	✓	800	x	x	x	x	x	x	x					
9		124	600	✓	602	x		x	x	x	x	x					
10		125	400	✓	401	x		x	x	x	x	x					
11		126	300	✓	301	x		x		x	x	x					
12		127	250	✓	250	x		x		x	x	x					
13		128	200	✓	197	x		x		x	x	x					
14		129	175	✓	177	x		x		xx	x	x					
15		130	150	✓	152	xx		xx		x	x	x					
16		131	125	✓	125	x		x		x	x	x					
17		132	100	✓	99	x		x		x	x	x					
18		133	75	✓	76	x		x		x	x	x					
19		134	50	✓	50	x		x		x	x	x					
20		135	25	✓	25	x		x		x	xx	xx	xx				
21		136	10	✓	10	xx		x		x	x	x					
22		137	5	✓	5	x		x		x	x	x					
23		138	5	✓	5									X			
24																	

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): Mgy

Bottom Depth: 3262

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

Par Status: On / Off

Time UTC Local

Start 1009 0309

Bottom 1107

End 1225

Positional Information

Start

Lat: 48 ° 58.21 N

Lon: 130 ° 46.06 W

Bottom

Lat: 48 ° 58.202 N

Lon: 130 ° 40.045 W

End

Lat: 48 ° 58.21 N

Lon: 130 ° 40.09 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: 2024-006

Station: P12

Event #: 2930

Ship: JP Tully

UTC Date (dd-mm-yyyy): 03 MAY 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	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C									
10		139	800			x	x		x	x	x								
r9		140	600			x	x												
8		141	400			xx	xx												
r7		142	200			x	x												
6		143	150			x	x												
r5		144	100			x	x												
4		145	75			x	x												
3		146	50			x	x												
2		147	35			x	x												
r1		148	10			x	x												
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Bottom Depth: 3263

Trans Clean: Y+ N Fl. Clean: Y+ N

Par Status: On + Off

Time	UTC	Local
Start	1407	0707
Bottom	1456	0756
End	1553	0853

Positional Information

Start	Lat: 48 ° 58.17	N
	Lon: 130 ° 40 03	W
Bottom	Lat: 48 ° 58 05	N
	Lon: 130 ° 40 04	W
End	Lat: 48 ° 58.05	N
	Lon: 130 ° 40 .051	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: 2024-006

Station: P12

Event #: 31

Ship: JP Tully

UTC Date (dd-mm-yyyy): 03.05.24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed Pressure	M	LW	LW	MR	MG	L									
				✓	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	3H						Save sheet after printing labels: YES	
1		149	600	✓	600	x	x	x	x	x			xx						OXY SPIKE @ 88d
2		150	400	✓	401	x			x	x			xx						UPWARD SPIKE ON
3		151	300	✓	300	x			x				xxxx						EVERYONE @ 25m ↓
4		152	250	✓	250								xx						ALSO ON DESCENT
5		153	200	✓	200	x	x	x	x				xx						DISPLAY GRAPH
6		154	150	✓	150	x	x	x	x				xx						
7		155	100	✓	100	x			x		x								
8		156	75	✓	75	x			x		x		xx						
9		157	60	✓	60				x		x	xx							
10		158	50	✓	50	x			x		x	xx	xx						
11		159	40	✓	41	x			x		x	xx							
12		160	30	✓	30	x	x	x	x		x	xx							
13		161	25	✓	26	x			x		xx								
14		162	20	✓	20	xx	xx	xx	x		x								
15		163	15	✓	15	x			x		x	xx							
16		164	10	✓	11	x			xx		x								
17		165	5	✓	5	x	x	x	x				xx						
18		166	5	✓	5				x		x	xx							
19		167	0	✓	2.3	x	x	x	x		xx								
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3229

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

Par Status: On / Off

Time UTC Local

Start 1619

Bottom 1630

End 1700

Positional Information

Start Lat: 48° 58.14 N Lon: 130° 40.06 W

Bottom Lat: 48° 58.14 N Lon: 130° 30.06 W

End Lat: 48° 58.09 N Lon: 130° 40.05 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: 2024-006

Station: P13

Event #: 32

Ship: JP Tully

UTC Date (dd-mm-yyyy): 03-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments		
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	ONAr	3H	Sal							
1		168	5			x	xx	xx				x					
2		169	5						X	xx							
3																	
4		5032	Loop					xx				x					
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Save sheet after printing labels: YES

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 2916

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

Par Status: On / Off

Time UTC Local

Start 22:08 15:08

Bottom 22:39 15:39

End 23:1246 16:12

Positional Information

Start

Lat: 49 ° 2.551 N

Lon: 131 ° 39.855 W

Bottom

Lat: 49 ° 2.555 N

Lon: 131 ° 39.874 W

End

Lat: 49 ° 2.549 N

Lon: 131 ° 39.962 W

Extra comments:

+loops

Version: 01-Dec-22

Water Properties Group

Cruise ID: 2024-006

Program STN List: All_Stns

Station: P14

Sampling Log

Event #: 34

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

Ship: JP Tully

UTC Date (dd-mm-yyyy): 04-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments					
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Sal	DOC	CDOM	3H	ONAr	Save sheet after printing labels: YES					
		170	Bot-10						X	X								
		171	3000						X	X	X							CHANGE LABEL
		172	2500						XX	X	X							BOTTLE NUMBERS
1	1	170	2000	✓	2000				X	X	X							
2	2	171	1500	✓	1501				X	X	X							
3	3	172	1250	✓	1248				X	X	X							
4	4	173	1000	✓	1000				X	X	X							
5	5	174	800	✓	800				X	X	X							
6	6	175	600	✓	600					X	X							
7	7	176	400	✓	401					X	X							
8	8	177	300	✓	299					X	X							
9	9	178	250	✓	251					X	X							
10	10	179	200	✓	200					X	X							
11	11	180	175	✓	175					X	X							
12	12	181	150	✓	150					X	X							
13	13	182	125	✓	125					X	X							
14	14	183	100	✓	100					X	X							
15	15	184	75	✓	76					X	X							
16	16	185	50	✓	50					X	X							
17	17	186	25	✓	25					X	X							
18	18	187	10	✓	11					XX	XX							
19	19	188	5	✓	4					X	X							
20	20	189	5	✓	5	X	X	XX				XX						SAYS 19 -> 20 ON SIDE
21	21	190	5	✓	5								X					

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3305

Trans Clean: Y N Fl. Clean: Y N

Par Status: On Off

Time UTC Local

Start 0605 2305

Bottom 0640 2340

End 0735

Positional Information

Start Lat: 49° 7.339 N

Start Lon: 132° 39.938 W

Bottom Lat: 49° 7.322 N

Bottom Lon: 132° 39.96 W

End Lat: 49° 07.287 N

End Lon: 132° 39.979 W

Extra comments:

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P15

Event #: 35

Ship: JP Tully

UTC Date (dd-mm-yyyy): 04.05.2024

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	ONAr	3H									
				✓														
1		191	5			x	x	xx										CHIRP ON ENTRY
2		192	5						X	xx								OKY SPIKE @ 11
3																		CHIRP @ 45M
4																		OKY SPIKE @ 470M
5																		
6																		LONG SIT @ BOT TO
7																		Fix PROGRAMS
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): Mg

Bottom Depth: 3390

Trans Clean: Y / N

Fl. Clean: Y / N

Par Status: On / Off

Time UTC Local

Start 1251 0551

Bottom 1312 0612

End 1330 0630

Positional Information

Start Lat: 49 ° 11.98 N

Lon: 133 ° 39.836 W

Bottom Lat: 49 ° 11 97 N

Lon: 133 ° 39 86 W

End Lat: 49 ° 11 96 N

Lon: 133 ° 39 85 W

Extra comments:

Water Properties Group

Program
STN List: All Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P16

Event #:

36 37

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

04-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples				Comments			
			Target Pressure	Confirmed Pressure	Cesium	Sta Iso							Save sheet after printing labels: YES			
1		193	75	✓ 75	x	x										
2			75	✓	X											
3			75	✓	X											
4			75	✓	X											
5			75	✓	X											
6			75	✓	X											
7			75	✓	X											
8			75	✓	X											
9		194	50	✓ 50	x	x										
10			50	✓	X											
11			50	✓	X											
12			50	✓	X											
13			50	✓	X											
14			50	✓	X											
15			50	✓	X											
16			50	✓	X											
17		195	5	✓ 5	x	x										
18			5	✓	X											
19			5	✓	X											
20			5	✓	X											
21			5	✓	X											
22			5	✓	X											
23			5	✓	X											
24			5	✓	X											

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth:

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

Par Status: On / Off

Time	UTC	Local
Start	1849	1149
Bottom	18:52	1152
End	18:59	1159

Positional Information

Start	Lat: 49 ° 16.996	N
	Lon: 134 ° 39.892	W
Bottom	Lat: 49 ° 16.988	N
	Lon: 134 ° 39.898	W
End	Lat: 49 ° 16.984	N
	Lon: 134 ° 39.722	W

Extra comments:

Cs-Shallow

CTD to 150 m please.

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		196	800			x	x		x	x	x						
r9		197	600			x	x										
8		198	400			x	x										
r7		199	200			xx	xx										
6		200	150			x	x										
r5		201	100			x	x	xxx									
4		202	75			x	x										
3		203	50			x	x	xxx									
2		204	35			x	x	xxx									line looks iffy
r1		205	10			x	x	xxx									at 940m at
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type: Go-Flow -RQS

Watchkeeper(s): DC

Bottom Depth: 3616

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

Par Status: On Off

Time	UTC	Local
Start	19:13	12:13
Bottom	19:55	12:55
End	20:42	12:42

Positional Information

Start

Lat: 49 ° 16.99 N

Lon: 134 ° 39.934 W

Bottom

Lat: 49 ° 16.923 N

Lon: 134 ° 39.973 W

End

Lat: 49 ° 16.922 N

Lon: 134 ° 39.973 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: 2024-006

Station: P16

Event #: 39

Ship: JP Tully

UTC Date (dd-mm-yyyy): 04-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed Pressure	ML	MA	LT	LT	ML	LT/AN	ALL							
				✓	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	3H						Save sheet after printing labels: YES
1		206	600	✓	600	x	x	x					xxx					
2		207	400	✓	400	x			x	x			xx					
3		208	300	✓	300	x							xx					
4		209	250	✓	250								xx					
5		210	200	✓	200	x	x	x	x				xx					
6		211	150	✓	150	x	x	x	x				xx					
7		212	100	✓	100	x			x		x							
8		213	75	✓	75	x			x		x		xx					
9		214	60	✓	60				x		x	xx						
10		215	50	✓	50	x			x		x	xx	xx					
11		216	40	✓	40	x			x		x	xx						
12		217	30	✓	30	x	x	x	x		x	xx						
13		218	25	✓	25	x			x		xx							
14		219	20	✓	20	xx	xx	xx	x		x							
15		220	15	✓	15	x			x		x	xx						
16		221	10	✓	10	x			xx		x							TOP VALUE OPEN
17		222	5	✓	5	x	x	x	x				xx					
18		223	5	✓	5				x		x	xx						
19		224	0		3	x	x	x	x		xx							
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3616

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

Par Status: On / Off

Time

UTC

Local

Start

2053

1353

Bottom

21:04

1404

End

21:29

1429

Positional Information

Start

Lat: 49 ° 16.916 N

Lon: 134 ° 40.01 W

Bottom

Lat: 49 ° 16.929 N

Lon: 134 ° 40.622 W

End

Lat: 49 ° 16.939 N

Lon: 134 ° 39.975 W

Extra comments:

DMS

Version: 01-Dec-22

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P16

Event #: 41

Ship: JP Tully

UTC Date (dd-mm-yyyy): 04 MAY 2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Core_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Cesium	Sta Iso											Save sheet after printing labels: YES	
1		225	250	✓	250	x	x											
2			250	✓		X												
3			250	✓		X												
4			250	✓		X												
5			250	✓		X												
6			250	✓		X												
7			250	✓		X												
8			250	✓		X												
9		226	200	✓	200	x	x											
10			200	✓		X												
11			200	✓		X												
12			200	✓		X												
13			200	✓		X												
14			200	✓		X												
15			200	✓		X												
16			200	✓		X												
17		227	150	✓	150	x	x											
18			150	✓		X												
19			150	✓		X												
20			150	✓		X												
21			150	✓		X												
22			150	✓		X												
23			150	✓		X												
24			150	✓		X												

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): MR

Bottom Depth: 3614

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

Par Status: On / Off

Time UTC Local

Start 2235 1535

Bottom 2240

End 2248

Positional Information

Start

Lat: 49 ° 17.01 N

Lon: 134 ° 40.03 W

Bottom

Lat: 49 ° 17 01 N

Lon: 134 ° 40.02 W

End

Lat: 49 ° 17.00 N

Lon: 134 ° 40.03 W

Extra comments:

Cs-Deep

Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P16

Event #: 42

Ship: JP Tully

UTC Date (dd-mm-yyyy): 05-05-2024

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	ONAr	TOC	DOC	CDOM							
1		228	Bot-10	✓	3684	x		x	x		x	x	x						
2		229	3500	✓	3500	x	x	x	x		x	x	x						
3		230	3000	✓	3000	x	xx	x	x		x	x	x						
4		231	2500	✓	2499	x	x	xx	xx		x	x	x						
5		232	2000	✓	1999	x	x	x	x		x	x	x						
6		233	1500	✓	1499	xx	x	x	x		x	x	x						
7		234	1250	✓	1250	x	xx	x	x		x	x	x						
8		235	1000	✓	999	x	x	x	x		x	x	x						
9		236	800	✓	800	x		x	x		x	x	x						
10		237	600	✓	600	x		x	x		x	x	x						
11		238	400	✓	400	x		x	x		x	x	x						
12		239	300	✓	300	x		x			x	x	x						
13		240	250	✓	250	xx		x			x	x	x						
14		241	200	✓	200	x		x			x	x	x						
15		242	175	✓	175	x		xx			x	x	x						
16		243	150	✓	150	x		x			x	x	x						
17		244	125	✓	125	x		x			x	x	x						
18		245	100	✓	100	xx		x			x	x	x						
19		246	75	✓	75	x		x			x	x	x						
20		247	50	✓	50	x		x			x	x	x						
21		248	25	✓	25	x		x			x	x	x						
22		249	10	✓	10	x		x			xx	xx	xx						
23		250	5	✓	4	x		x			x	x	x						
24		251	5	✓	4					x									

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3615

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

Par Status: On / Off

Time UTC Local

Start00 0017 00

Bottom01 0518 05

End02 4119 41

Positional Information

StartLat: 49 ° 17.01 N

Lon: 134 ° 39.97 W

BottomLat: 49 ° 16.988 N

Lon: 134 ° 39.977 W

EndLat: 49 ° 16.99 N

Lon: 134 ° 39.963 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: 2024-006

Station: P17

Event #: 45

Ship: JP Tully

UTC Date (dd-mm-yyyy): 05-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments	
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	ONAr	3H	Sal								
1		252	5	✓	4	x	xx	xx				x						
2		253	5	✓	5				X	xx								
3																		
4		5045	Loop				xx					x						
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): CI

Bottom Depth: 3596

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

Par Status: On / Off

Time

UTC

Local

Start

0634

2334

Bottom

0652

End

0711

Positional Information

Start

Lat: 49 ° 21.073 N

Lon: 135 ° 39.99 W

Bottom

Lat: 49 ° 21.06 N

Lon: 135 ° 39.97 W

End

Lat: 49 ° 21.06 N

Lon: 135 ° 39.94 W

Extra comments:

+loops

Version: 01-Dec-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples								Comments	
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	Sal	3H	OXY	DOC	CDOM	SPE-DOM	TOC	ONAr			Save sheet after printing labels: YES
1		254	Bot-10	✓ 3892						x	x	x						SPICE 518 5761345
2		255	3500	✓ 3501				x		x	x	x						CHIRP 1345
3		256	3000	✓ 3000				x		x	x	x						ERROR CORR 10@1500
4		257	2500	✓ 2500				xx		x	x	x						11@3892
5		258	2000	✓ 2001				x		x	x	x	x	x				
6		259	1500	✓ 1501				x		x	x	x						
7		260	1250	✓ 1249						xx	x	x						
8		261	1000	✓ 1001						x	x	x						
9		262	800	✓ 800						x	x	x						
10		263	600	✓ 600						x	x	x						
11		264	400	✓ 400						x	x	x						
12		265	300	✓ 300						x	x	x						
13		266	250	✓ 250						x	x	x						
14		267	200	✓ 200						x	x	x						
15		268	175	✓ 175						x	x	x						
16		269	150	✓ 149						x	x	x						
17		270	125	✓ 125						x	x	x						
18		271	100	✓ 99						x	x	x						
19		272	75	✓ 75						x	x	x	x	x				
20		273	50	✓ 50						xx	x	x						
21		274	25	✓ 25						x	xx	xx						
22		275	10	✓ 10						x	x	x						
23		276	5	✓ 5					xx	x	x	x						
24		277	5	✓ 5	x	x	xx								x			

Profile type: ROS

Watchkeeper(s): Mg

Bottom Depth: 3810

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

Par Status: On / Off

Time

UTC

Local

Start

1111

0411

Bottom

1217

End

1348

Positional Information

Start

Lat: 49 ° 25.99 N

Lon: 136 ° 39.90 W

Bottom

Lat: 49 ° 25.97 N

Lon: 136 ° 39.89 W

End

Lat: 49 ° 25 93 N

Lon: 136 ° 39 92 W

Extra comments:

oxy profile to calibrate

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P19

Event #: 50-49

Ship: JP Tully

UTC Date (dd-mm-yyyy): 05-09-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	ONAr	3H									
1		278	5	✓	5	x	x	xx										
2		279	5	✓	5				X	xxxx								
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): CJ

Bottom Depth: 3902

Trans Clean: Y / N

FI. Clean: Y / N

Par Status: On / Off

Time

UTC

Local

Start20 041304

Bottom20 311331

End20 551355

Positional Information

Start

Lat: 49 ° 30.024 N

Lon: 137 ° 39.984 W

Bottom

Lat: 49 ° 30.049 N

Lon: 137 ° 39.972 W

End

Lat: 49 ° 30.023 N

Lon: 137 ° 39.941 W

Extra comments:

Version: 01-Dec-22

Water Properties Group

Cruise ID: 2024-006

Program STN List: All_Stns

Station: P22

Sampling Log

Event #: 55

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

Ship: JP Tully

UTC Date (dd-mm-yyyy): 06-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core_Samples								Comments		
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Sal	3H	BioDeg	DOC	CDOM	SPE-DOM	TOC	ONAr	Save sheet after printing labels: YES		
1		280	Bot-10	✓	3992							x	x					
2		281	3500	✓	3501				x			x	x					
3		282	3000	✓	3000				x			x	x					
4		283	2500	✓	2500				xx			x	x					
5		284	2000	✓	2003				x		x	x	x	x				
6		285	1500	✓	1498				x			x	x	x	x			
7		286	1200	✓	1203							x	x					
8		287	1000	✓	1001						x	x	x	x	x			
9		288	800	✓	801							x	x					
10		289	600	✓	601							x	x					
11		290	400	✓	401						x	x	x	x	x			
12		291	300	✓	299							x	x					
13		292	250	✓	250							x	x					
14		293	200	✓	200							x	x	x	x			
15		294	175	✓	175							x	x					
16		295	150	✓	148							x	x					
17		296	125	✓	125							x	x					
18		297	100	✓	100							x	x					
19		298	75	✓	75						x	x	x	x	x			
20		299	50	✓	50							x	x					
21		300	25	✓	25							x	x					
22		301	10	✓	10							x	x					
23		302	5	✓	5					xx		xx	xx					
24		303	5	✓	5	x	x	xx								x		

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3873

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

Par Status: On / Off

Time UTC Local

Start 2020 1320

Bottom 2129 1429

End 23:03 16:03

Positional Information

Start Lat: 49 ° 41.996 N Lon: 140 ° 39.979 W

Bottom Lat: 49 ° 42.008 N Lon: 140 ° 39.998 W

End Lat: 49 ° 41.986 N Lon: 140 ° 39.982 W

Extra comments:

Version: 01-Dec-22

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P23

Event #: 61

Ship: JP Tully

UTC Date (dd-mm-yyyy): 07-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	ONAr	3H									
1		304	5	✓ 5	x	x	xx											
2		305	5	✓ 5				X	xx									
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): CI

Bottom Depth: 4023

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

Par Status: On / Off

Time UTC Local

Start 04 28 21 28

Bottom 04 46 21 46

End 05 05 22 05

Positional Information

Start

Lat: 49 ° 46.065 N

Lon: 141 ° 39.844 W

Bottom

Lat: 49 ° 46.028 N

Lon: 141 ° 39.837 W

End

Lat: 49 ° 46.028 N

Lon: 141 ° 39.868 W

Extra comments:

removed PAR, aH,
2x trans, 2x fluor

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments	
			Target Pressure	Confirmed ✓ Pressure	Nut-F	CHL	HPLC	Sal	3H	DOC	CDOM	SPE-DOM	TOC	ONAr	Save sheet after printing labels: YES	
1		306	Bot-10	✓ 4047						x	x					Stop @ 78 30 SECS
2		307	3500	✓ 3500				x		x	x					@ 120 SURGE
3		308	3000	✓ 3001				xx		x	x					190 "
4		309	2500	✓ 2498				x		x	x					
5		310	2000	✓ 2001				x		x	x	x	x			
6		311	1500	✓ 1501				x		x	x					
7		312	1200	✓ 1200				xx		x	x					
8		313	1000	✓ 1000						x	x					
9		314	800	✓ 798						x	x					
10		315	600	✓ 598						x	x					
11		316	400	✓ 401						x	x					
12		317	300	✓ 299						x	x					
13		318	250	✓ 249						x	x					
14		319	200	✓ 199						x	x					
15		320	175	✓ 174						x	x					
16		321	150	✓ 150						x	x					
17		322	125	✓ 125						x	x					
18		323	100	✓ 101						x	x					
19		324	75	✓ 76						x	x	x	x			
20		325	50	✓ 53						x	x					
21		326	25	✓ 25						x	x					
22		327	10	✓ 11						x	x					
23		328	5	✓ 5					xx	xx	xx					
24		329	5	✓ 6		x	x	xx						x		

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 3960

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

Par Status: On / Off

Time

UTC

Local

Start

1018

0318

Bottom

137

0437

End

1311

Positional Information

Start

Lat: 49 ° 50.24 N

Lon: 142 ° 40.04 W

Bottom

Lat: 49 ° 50.22 N

Lon: 142 ° 39.98 W

End

Lat: 49 ° 50.219 N

Lon: 142 ° 39.93 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P25

Event #: 66

Ship: JP Tully

UTC Date (dd-mm-yyyy): 07-05-2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	ONAr	3H	Sal								
1		330	5	✓ 5	x	xx	xx				x							
2		331	5	✓ 5				X	xx									
3																		
4		5066	Loop				xx				x							
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): CL

Bottom Depth: 4115

Trans Clean: Y N Fl. Clean: Y+N

Par Status: On / Off

	Time	UTC	Local
Start		1836	1136
Bottom		19:14	12:14
End		19:52	12:52

Positional Information

Start	Lat:	50 ° 0.056	N
	Lon:	143 ° 36 204	W
Bottom	Lat:	50 ° 0.056	N
	Lon:	143 ° 36.179	W
End	Lat:	50 ° 0.081	N
	Lon:	143 ° 36.203	W

Extra comments:

+loops

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P26

Event #: 69

Ship: JP Tully

UTC Date (dd-mm-yyyy): 08-05-2024

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	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C								
r7		332	200			x	x		x	x	x							
6		333	150			x	x											
r5		334	100			x	x	xxx										
4		335	75			xx	xx											
3		336	50			x	x	xxx										
2		337	35			x	x	xxx										
r1		338	10			x	x	xxx										
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 01-Dec-22

Profile type: ROS BOT

Watchkeeper(s): MG

Bottom Depth: 4232

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

Par Status: On / Off

Time UTC Local

Start 0731 0031

Bottom 0755

End 0823

Positional Information

Start

Lat: 50 ° 6.012 N

Lon: 144 ° 59.97 W

Bottom

Lat: 50 ° 0.011 N

Lon: 144 ° 59.976 W

End

Lat: 50 ° 0.013 N

Lon: 144 ° 59.96 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: 2024-006

Station: P26

Event #: 70

Ship: JP Tully

UTC Date (dd-mm-yyyy): 08 05 24

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	ONAr	SPE-DO	Save sheet after printing labels: YES		
1		339	Bot-10	✓	4321	x		x	x	x	x	x					
2		340	4000	✓	3999	x	x	x	x	x	x	x					SALINITY SPIKE 6091
3		341	3500	✓	3501	x	xx	x	x	x	x	x					
4		342	3000	✓	3002	xx	x	x	x	x	x	x					
5		343	2500	✓	2501	x	x	x	x	x	x	x					WINCH NOISE ON
6		344	2000	✓	2001	x	x	x	x	x	x	x		x			LARGE SWGLLS
7		345	1500	✓	1500	x	xx	x	x	x	x	x					STOP @ ~ 300
8		346	1250	✓	1248	x	x	x	x	xx	x	x	x				
9		347	1000	✓	1000	xx	x	x	x	x	x	x					
10		348	800	✓	801	x		x	x	x	x	x					
11		349	600	✓	600	x		x	x	x	x	x					
12		350	400	✓	401	x		xx	xx	x	x	x	x				
13		351	300	✓	301	x		x		x	x	x	x				
14		352	250	✓	252	xx		x		x	x	x	x				
15		353	200	✓	200	x		x		x	x	x	x				
16		354	175	✓	174	x		x		x	x	x	x				
17		355	150	✓	150	x		x		x	x	x	x				
18		356	125	✓	125	x		xx		x	x	x	x				
19		357	100	✓	99	x		x		x	x	x	x				
20		358	75	✓	75	x		x		x	x	x	x		x		
21		359	50	✓	50	x		x		x	x	x	x				
22		360	25	✓	24	x		x		xx	x	x	x				
23		361	10	✓	10	xx		x		x	x	x	x				
24		362	5	✓	6	x		x		x	xx	xx	xx				

Version: 01-Dec-22

Profile type: ROS

Watchkeeper(s): PLG

Bottom Depth: 4217

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

Par Status: On / Off

Time UTC Local

Start 0840 0140

Bottom 0953

End 1135

Positional Information

Start

Lat: 50 ° 0.022 N

Lon: 144 ° 59.98 W

Bottom

Lat: 50 ° 0.00 N

Lon: 145 ° 0.01 W

End

Lat: 50 ° 0.04 N

Lon: 144 ° 59.92 W

Extra comments: Deep

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							Save sheet after printing labels: YES
7		363	1500			x	x		x	x	x							
6		364	1200			xx	xx											
r5		365	1000			x	x											
4		366	800			x	x											
3		367	600			x	x											
2		368	400			x	x											
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Go-Pros

Profile type: R06

Watchkeeper(s): DC

Bottom Depth: 4216

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

Par Status: On / Off

Time	UTC	Local
Start	1307	0607
Bottom	1358	MR
End	1511	

Positional Information

Start

Lat: 50 ° 00.01 N

Lon: 145 ° 00.13 W

Bottom

Lat: 50 ° 00.07 N

Lon: 145 ° 00.02 W

End

Lat: 50 ° 00.039 N

Lon: 145 ° 00.01 W

Extra comments:

TM-Deep

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P26

Event #: 73

Ship: JP Tully

UTC Date (dd-mm-yyyy): 08.05.24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken		Sample Lists: Core_Samples										Comments	
			Target Pressure	Confirmed ✓ Pressure	Cesium	Sta Iso											Save sheet after printing labels: YES	
1		369	250	✓		x	x											
2			250	✓		X												
3			250	✓		X												
4			250	✓		X												
5			250	✓		X												
6			250	✓		X												
7			250	✓		X												
8			250	✓		X												
9		370	200	✓		x	x											
10			200	✓		X												
11			200	✓		X												
12			200	✓		X												
13			200	✓		X												
14			200	✓		X												
15			200	✓		X												
16			200	✓		X												
17		371	150	✓		x	x											
18			150	✓		X												
19			150	✓		X												
20			150	✓		X												
21			150	✓		X												
22			150	✓		X												
23			150	✓		X												
24			150	✓		X												

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 4215

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

Par Status: On / Off

Time UTC Local

Start 1524 0804

Bottom 1529

End 1538

Positional Information

Start

Lat: 50 ° 00.02 N

Lon: 144 ° 59.99 W

Bottom

Lat: 50 ° 00.02 N

Lon: 145 ° 00.05 W

End

Lat: 50 ° 00.02 N

Lon: 145 ° 00.08 W

Extra comments:

Cs-Deep

Version: 01-Dec-22

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P26

Event #:

74

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

08 05 24

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed ✓ Pressure	Cesium	Sta	Iso										
1		375	75	✓	x	x											Save sheet after printing labels: YES
2			75	✓	X												
3			75	✓	X												
4			75	✓	X												
5			75	✓	X												
6			75	✓	X												
7			75	✓	X												
8			75	✓	X												
9		376	50	✓	x	x											
10			50	✓	X												
11			50	✓	X												
12			50	✓	X												
13			50	✓	X												
14			50	✓	X												
15			50	✓	X												
16			50	✓	X												
17		377	5	✓	x	x											
18			5	✓	X												
19			5	✓	X												
20			5	✓	X												
21			5	✓	X												
22			5	✓	X												
23			5	✓	X												
24			5	✓	X												

Profile type: ROS

Watchkeeper(s): MG

Bottom Depth: 4215

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

Par Status: On / Off

Time	UTC	Local
Start	1711	1011
Bottom	1715	
End	1723	

Positional Information

Lat:	50 ° 00.046	N
Lon:	145 ° 00.00	W

Lat:	50 ° 00.05	N
Lon:	145 ° 00.00	W

Lat:	50 ° 00.04	N
Lon:	145 ° 00.00	W

Extra comments:

Cs-Shallow

CTD to 150 m please.

Water Properties Group

Program
STN List:

All_Stns

Sampling Log

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

Cruise ID:

2024-006

Station:

P26

Event #:

76

Ship:

JP Tully

UTC Date (dd-mm-yyyy):

08.05.2024

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples					Comments			
			Target Pressure	Confirmed	MR	MA	MA	MR	CE	ML	ML	ALL		LT	LT	LT	LW	Save sheet after printing labels: YES
			Pressure	✓ Pressure	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	3H		Form	Glut	Lugol's	ONAr	
1		378	600	✓ 599	x	x	x	x	x			xx						
2		379	400	✓ 401	x			x	x			xx						
3		380	300	✓ 298	x			x				xx						
4		381	250	✓ 249								xxxx						
5		382	200	✓ 199	x	x	x	x				xx						
6		383	150	✓ 149	x	x	x	x				xx						
7		384	100	✓ 101	x			x		x								
8		385	75	✓ 74	x			x		x		xx						
9		386	60	✓ 60				x		x	xx							
10		387	50	✓ 48	x			x		x	xx	xx						
11		388	40	✓ 39	x			x		x	xx							
12		389	30	✓ 31	x	x	x	x		x	xx							
13		390	25	✓ 25	x			x		x								
14		391	20	✓ 20	xx	xx	xx	x		xx								
15		392	15	✓ 15	x			x		x	xx							
16		393	10	✓ 11	x			x		xx								
17		394	5	✓ 5	x	x	x	x				xx						
18		395	5	✓ 5				x		x	xx			x	x	x		
19		396	5	✓ 5													x	
20		397	0	✓ 3	x	x	x	xx		x								
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): MG → CI

Bottom Depth: 4215

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

Par Status: On / Off

Time	UTC	Local
Start	1821	1121
Bottom	1831	1131
End	1857	1157

Positional Information

Lat:	50 ° 0.049	N
Lon:	144 ° 59.984	W

Lat:	50 ° 0.049	N
Lon:	144 ° 59.986	W

Lat:	50 ° 0.050	N
Lon:	144 ° 59.979	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	CHL	HPLC	ONAr	3H	Sal					Save sheet after printing labels: YES	
1		398	5	✓	5	x	xx	xx		x					STOP @ 958 To	
2		399	5	✓	6			X	x						STRAIGHTEN WIRE	
3															~ 2 MIN	
4		5079	loop				xx			x						
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: 3931

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

Par Status: On / Off

Time

UTC

Local

Start

1458

0758

Bottom

1528

End

1556

Positional Information

Start

Lat: 49 ° 38.03 N

Lon: 139 ° 40.01 W

Bottom

Lat: 49 ° 38.03 N

Lon: 139 ° 40.01 W

End

Lat: 49 ° 38.00 N

Lon: 139 ° 39.99 W

Extra comments:

Water Properties Group

Program STN List: All_Stns

Sampling Log

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

Cruise ID: 2024-006

Station: P20

Event #: 80

Ship: JP Tully

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

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core_Samples						Comments	
			Target Pressure	Confirmed ✓ Pressure	Me-d	Me-t	Lig	Sal	Nut-F	Nut-C							Save sheet after printing labels: YES	
10		400	800	✓		x	x		x	x	x							
r9		401	600	✓		x	x											
8		402	400	✓		x	x											
r7		403	200	✓		x	x											
6		404	150	✓		xx	xx											
r5		405	100	✓		x	x	xxx										
4		406	75	✓		x	x											
3		407	50	✓		x	x	xxx										
2		408	35	✓		x	x	xxx										
r1		409	10	✓		x	x	xxx										
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: Go-Flows ROS

Watchkeeper(s): DC

Bottom Depth: 3986

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

Par Status: On / Off

Time UTC Local

Start 19:43 12:43

Bottom 20:19 13:19

End 21:03 14:03

Positional Information

Start

Lat: 49 ° 39.065 N

Lon: 138 ° 39.971 W

Bottom

Lat: 49 ° 34.064 N

Lon: 138 ° 39.859 W

End

Lat: 49 ° 34.047 N

Lon: 138 ° 39.766 W

Extra comments:

TM

Version: 01-Dec-22

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples							Comments	
			Target Pressure	Confirmed ✓ Pressure	DMS	DMSP-d	DMSP-t	Nut-F	Nut-C	CHL	HPLC	3H					Save sheet after printing labels: YES	
1		410	600	✓ 600	x	x	x	x	x									
2		411	400	✓ 402	x			x	x			xx						
3		412	300	✓ 300	x			x				xx						
4		413	250	✓ 251								xx						
5		414	200	✓ 199	x	x	x	x				xx						
6		415	150	✓ 151	x	x	x	x				xx						
7		416	100	✓ 102	x			x		x								
8		417	75	✓ 75	x			x		x		xx						
9		418	60	✓ 60				x		x	xx							
10		419	50	✓ 50	x			x		x	xx	xx						
11		420	40	✓ 41	x			x		x	xx							
12		421	30	✓ 31	x	x	x	x		x	xx							
13		422	25	✓ 26	x			x		x								
14		423	20	✓ 20	xx	xx	xx	x		xx								
15		424	15	✓ 15	x			x		x	xx							
16		425	10	✓ 10	x			x		xx								
17		426	5	✓ 5	x	x	x	x				xx						
18		427	5	✓ 5				x		x	xx							
19		428	0		x	x	x	xx		x								
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 3940

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

Par Status: On / Off

Time UTC Local

Start 2114 1414

Bottom 2125 1425

End 2151 1451

Positional Information

Start Lat: 49 ° 34.01 N Lon: 138 ° 39.77 W

Bottom Lat: 49 ° 34.028 N Lon: 138 ° 39.783 W

End Lat: 49 ° 34.041 N Lon: 138 ° 39.748 W

Extra comments:

DMS

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	ONAr	SPE-DOM			Save sheet after printing labels: YES	
1		429	Bot-10	✓ 4027	x		x	x	x	x	x	x						
2		430	3500	✓ 3500	x	x	x	x	x	x	x	x						
3		431	3000	✓ 3000	x	xx	x	x	xx	x	x	x						
4		432	2500	✓ 2500	xx	x	xx	xx	x	x	x	x						
5		433	2000	✓ 2000	x	x	x	x	x	x	x	x		x				
6		434	1500	✓ 1500	x	x	x	x	x	x	x	x						
7		435	1250	✓ 1250	x	xx	x	x	x	x	x	x						
8		436	1000	✓ 1000	x	x	x	x	x	x	x	x						
9		437	800	✓ 799	xx		x	x	x	x	x	x						
10		438	600	✓ 600	x		x	x	x	x	x	x						
11		439	400	✓ 401	x		x	x	x	x	x	x						
12		440	300	✓ 301	x		x		x	x	x	x						
13		441	250	✓ 250	x		x		x	x	x	x						
14		442	200	✓ 200	xx		x		x	x	x	x						
15		443	175	✓ 174	x		xx		x	x	x	x						
16		444	150	✓ 150	x		x		x	x	x	x						
17		445	125	✓ 124	x		x		x	x	x	x						
18		446	100	✓ 100	x		x		x	x	x	x						
19		447	75	✓ 75	x		x		xx	x	x	x		x				
20		448	50	✓ 50	x		x		x	x	x	x						
21		449	25	✓ 25	x		x		x	x	x	x						
22		450	10	✓ 10	x		x		x	xx	xx	xx						
23		451	5	✓ 5	xx		x		x	x	x	x						
24		452	5	✓ 5									x					

Profile type: ROS

Watchkeeper(s): MR / CI

Bottom Depth: 3940

Trans Clean: ☒ / N Fl. Clean: ☒ / N

Par Status: On / ☒ Off

Time	UTC	Local
Start	2303	1603
Bottom	0011	1711
End	0134	1834

Positional Information

Start	Lat: 49° 33.99	N
	Lon: 138° 40 00	W
Bottom	Lat: 49° 34.00	N
	Lon: 138° 39.92	W
End	Lat: 49° 33.978	N
	Lon: 138° 39.952	W

Extra comments:

Deep

cindy water!!

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments
			Target Pressure	Confirmed	Nut-F	Sal	CHL	HPLC	Lugol's	OXY	DIC	Chito	Sta Iso				Save sheet after printing labels: YES	
			✓	Pressure														
1		456	Bot-5	✓	355	x					x	x						
2		457	300	✓	300	x	x				x		x					
3		458	250	✓	250	xx					x	x	x					
4		459	200	✓	200	x					x	x						
5		460	150	✓	150	x					xx	x	x					
6		461	125	✓	125	x					x	xx						
7		462	100	✓	100	xx					x	x						
8		463	75	✓	75	x					x	x						
9		464	50	✓	50	x					x	x	x					
10		465	40	✓	40	x					xx	x						
11		466	30	✓	30	x					x	xx						
12		467	20	✓	20	x		x			x	x	x					
13		468	10	✓	10	x	x	x			x	x	x					
14		469	5	✓	5	x		xx			x	x	x					
15		470	0	✓	3						x	x		x				
16		471	0	✓	3	x		x	xx	x								
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): DL

Bottom Depth: 360

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

Par Status: On / Off

Time	UTC	Local
Start	1750	1050
Bottom	1757	1057
End	1817	1117

Positional Information

Start

Lat: 49 ° 43.679 N

Lon: 124 ° 40.533 W

Bottom

Lat: 49 ° 43.673 N

Lon: 124 ° 40.541 W

End

Lat: 49 ° 43.677 N

Lon: 124 ° 40.560 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	Lugol's	OXY	DIC	Chito	Sta Iso					Save sheet after printing labels: YES
1		487	Bot-5	✓	341	x	xx				x	x						
2		488	300	✓	301	x					xx	x						
3		489	250	✓	251	x					x	x						
4		490	200	✓	200	x					x	x						
5		491	5	✓	6	xx	x	xx			x							
6		492	0	✓	3	x		x	xx	x	x			x				
7																		
8																		
9																		
10																		
11																		
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15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 344

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

Par Status: On / Off

Time	UTC	Local
Start	00 43	1743
Bottom	00 50	1750
End	01 00	18 00

Positional Information

Start	Lat: 49 ° 19.058	N
	Lon: 123 ° 47.944	W
Bottom	Lat: 49 ° 19.058	N
	Lon: 123 ° 47.967	W
End	Lat: 49 ° 19.048	N
	Lon: 123 ° 47.976	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core_Samples								Comments	
			Target Pressure	Confirmed	Nut-F	Sal	CHL	HPLC	Lugol's	OXY	DIC	Chito	Sta Iso					Save sheet after printing labels: YES	
			✓	Pressure															
1		493	350	✓	350	x	x						x						11.3°C
2		494	250	✓	250	xx							x						10.7°C
3		495	150	✓	150	x							x						10.5°C
4		496	50	✓	50	x							x						10.2°C
5		497	20	✓	20	x			x				x						11.2°C
6		498	10	✓	10	x			x				x						13.3°C
7		499	5	✓	5	x	x		x				x						14.5°C
8		500	0			x			xx	xx				x					
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 400

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

Par Status: On / Off

Time	UTC	Local
Start	02 23	19 23
Bottom	02 30	19 30
End	02 45	19 45

Positional Information

Start	Lat: 49 ° 15.016	N
	Lon: 123 ° 44.952	W
Bottom	Lat: 49 ° 15.011	N
	Lon: 123 ° 44.977	W
End	Lat: 49 ° 15.037	N
	Lon: 123 ° 44.993	W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists:					Core_Samples				Comments	
			Target Pressure	Confirmed	Nut-F	Sal	CHL	HPLC	Lugol's	OXY	DIC	Chito	Sta Iso					Save sheet after printing labels:		
			✓	Pressure															YES	
1		504	Bot-5	✓	318	xx	x				x	x								
2		505	250	✓	291	x					xx	x	x							
3		506	200	✓	200	x					x	xx								
4		507	150	✓	150	x					x	x	x							
5		508	125	✓	125	x					x	x								
6		509	100	✓	100	x					x	x								
7		510	75	✓	75	x					xx	x								
8		511	50	✓	50	x					x	x	x							
9		512	40	✓	40	x					x	x								
10		513	30	✓	30	x					x	x								
11		514	20	✓	20	xx			xx		x	x	x							
12		515	10	✓	10	x			x		x	x	x							
13		516	5	✓	4	x	x		x		x	xx	x							
14		517	0	✓	3						x	x		x						
15		518	0	✓	3	x			x	xx	x									
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

Profile type: ROS

Watchkeeper(s): CI

Bottom Depth: 319

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

Par Status: On / Off

Time	UTC	Local
Start	0518	2218
Bottom	0524	2224
End	0542	2242

Positional Information

Start	Lat: 49 ° 1.789	N
	Lon: 123 ° 26.280	W
Bottom	Lat: 49 ° 1.778	N
	Lon: 123 ° 26.294	W
End	Lat: 49 ° 1.774	N
	Lon: 123 ° 26.319	W

Extra comments:

Cruise ID: 2024-006 Station: 46 Event #: 105 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	Nut-F	Sal	CHL	HPLC	Lugol's	OXY	DIC	Chito	Sta Iso					Save sheet after printing labels:	
			✓	Pressure															YES
1		519	Bot-5	✓	179	xx													
2		520	5	✓	5	x		xx	xx				x						
3		521	0	✓	3	x		xx	xx				x					Missed.	
4																			
5																			
6																			
7																			
8																			
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22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): DC

Bottom Depth: 359

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

Par Status: On / Off

Time	UTC	Local
Start	127	0:29
Bottom	132	032
End	137	

Positional Information

Start

Lat: 48 ° 51.363 N

Lon: 123 ° 10.847 W

Bottom

Lat: 48 ° 51.364 N

Lon: 123 ° 10.849 W

End

Lat: 48 ° 51.366 N

Lon: 123 ° 10.848 W

Extra comments: