

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Sampling Log

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

Cruise ID:

2023-080

Station:

IND3

Event #:

13

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-03-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			
			✓	Pressure															
1	1	12	bot-5	✓	93									xxxx					
2	2	13	bot-5	✓	93			xx			x	x	x						
3	3	14	bot-5	✓	93		x												
4	4	15	150	✓	150		x												
5	5	16	100	✓	100		xx												
6	6	17	75	✓	75		x												
7	7	18	50	✓	50			x			x	x	x						
8	8	19	50	✓	50		x												
9	9	20	25	✓	25		x		x										
10	10	21	10	✓	10		x		xx										
11	11	22	5	✓	5		x		x										
12	12	23	0	✓	3		x		x									Did not close	
13	13	24	0	✓	3			x			xx	xx	x						
14	14	25	0	✓	3								xxxx						
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:

ROS

Watchkeeper(s):

David Spear

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

0:40:23

16:40:23

Bottom

0:44:15

End

1:01:14

Positional Information

Lat:

49 22.203 N

Lon:

122 52.894 W

Lat:

49 22.209 N

Lon:

122 52.894 W

Lat:

49 22.181 N

Lon:

122 52.888 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Cruise ID:2023-080

Program STN List:Custom_Stn_List

Station:IND6

Sampling Log

Event #:9

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

Ship:Vector

UTC Date (dd-mm-yyyy):11-02-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels: YES
1	1	1	bot-5	✓	98									xxxx					
2	2	2	bot-5	✓	98			x			x	x	x						
3	3	3	bot-5	✓	98		x												
4	4	4	50	✓	50			x			x	x	x						
5	5	5	50	✓	50		x												
6	6	6	25	✓	25		x		x										
7	7	7	10	✓	10		xx		x										
8	8	8	5	✓	5		x		x										
9	9	9	0	✓	2.5		x		xx										
10	10	10	0	✓	2.5			x			xx	xx	x						
11	11	11	0	✓	2.5									xxxx					
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:ROS

Watchkeeper(s):David Spear

Bottom Depth:m

Trans Clean: yes Fl. Clean: no

Par Status:no

TimeUTCLocal

Start21:43:2313:43:23

Bottom21:45:45

End21:56:26

Positional Information

StartLat:49 26.405 N
Lon:122 51.622 W

BottomLat:49 26.405 N
Lon:122 51.621 W

EndLat:49 26.409 N
Lon:122 51.615 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Sampling Log

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

Cruise ID:

2023-080

Station:

SALM4

Event #:

30

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-04-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels: YES
1	1	57	bot-5	✓	216									xxxx					
2	2	58	bot-5	✓	216			x			x	x	x						
3	3	59	bot-5	✓	216		x												
4	4	60	200	✓	200		x												
5	5	61	150	✓	150		x												
6	6	62	100	✓	100		x												
7	7	63	75	✓	75		x												
8	8	64	50	✓	50			x			x	x	x						
9	9	65	50	✓	50		x												
10	10	66	25	✓	25		x		x										
11	11	67	10	✓	10		x		x										
12	12	68	5	✓	5		x		xx										
13	13	69	0	✓	2.5		xx		x										
14	14	70	0	✓	2.5			x			xx	xx	x						
15	15	71	0	✓	2.5									xxxx					
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:

ROS

Watchkeeper(s):

David Spear

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

19:41:13

11:41:13

Bottom

19:45:23

End

20:06:20

Positional Information

Lat:

49 40.282 N

Lon:

123 35.024 W

Bottom

Lat:

49 40.288 N

Lon:

123 35.032 W

End

Lat:

49 40.308 N

Lon:

123 34.998 W

Extra comments:

Version: 1

1-Dec-22

Water Properties Group

Program STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2023-080

Station: SECH4

Event #: 21

Ship: Vector

UTC Date (dd-mm-yyyy): 11-03-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels:
																			YES
1	1	26	bot-5	✓	269									xxxx					
2	2	27	bot-5	✓	269			x			x	x	x						
3	3	28	bot-5	✓	269	x	xx												
4	4	29	250	✓	250	x	xx												
5	5	30	200	✓	200	x	x												
6	6	31	150	✓	150	x	x												
7	7	32	100	✓	100	x	x												
8	8	33	75	✓	75	xx	x												
9	9	34	50	✓	50			x			x	x	x						
10	10	35	50	✓		x	x												
11	11	36	25	✓	25	x	x		xx										
12	12	37	10	✓	10	x	x		x										
13	13	38	5	✓	5	x	x		x										
14	14	39	0	✓	2.9	xx	x		x										
15	15	40	0	✓				x			xx	xx	x						
16	16	41	0	✓										xxxx					
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): David Spear

Bottom Depth: m

Trans Clean: yes Fl. Clean: no

Par Status: no

Time

UTC

Local

Start

23:00:31

15:00:31

Bottom

23:06:53

End

23:30:19

Positional Information

Lat: 49 39.015 N

Lon: 123 50.701 W

Lat: 49 39.011 N

Lon: 123 50.699 W

Lat: 49 39.006 N

Lon: 123 50.712 W

Start

Bottom

End

Extra comments:

overshot 150 by 25 m on the way up and went back down

Version: 1-Dec-22

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Station:

SECH6

Event #:

24

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-04-2023

Niskin #

Firing #

Sample #

Rosette Operation

Target Pressure

Confirmed ✓ Pressure

Sampler's Initials / Samples Taken

OXY

Nut-F

Sal

CHL

TOC

DOC

O18

Sample Lists:

All_Samples

SPC

Nut-C

Comments

Save sheet after printing labels:

YES

1

1

42

bot-5

✓

205

xxxx

2

2

43

bot-5

✓

x

x

x

x

3

3

44

bot-5

✓

x

4

4

45

200

✓

200

x

5

5

46

150

✓

150

x

6

6

47

100

✓

100

x

7

7

48

75

✓

75

x

8

8

49

50

✓

50

x

x

x

x

9

9

50

50

✓

50

xx

10

10

51

25

✓

25

x

x

11

11

52

10

✓

10

x

x

12

12

53

5

✓

5

x

x

13

13

54

0

✓

2.9

x

xx

14

14

55

0

✓

2.9

x

xx

xx

x

15

15

56

0

✓

2.9

xxxx

16

17

18

19

20

21

22

23

24

Profile type:

ROS

Watchkeeper(s):

David Spear

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

1:51:25

17:51:25

Bottom

1:56:01

End

2:16:35

Positional Information

Lat:

49 33.374 N

Lon:

123 47.239 W

Bottom

Lat:

49 33.379 N

Lon:

123 47.233 W

End

Lat:

49 33.382 N

Lon:

123 47.208 W

Extra comments:

Version: 1

1-Dec-22

Water Properties Group

Program STN List: Custom_Stn_List

Sampling Log

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

Cruise ID:2023-080

Station:TO2A

Event #:43

Ship:Vector

UTC Date (dd-mm-yyyy):11-05-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels:
																			YES
1	1	110	bot-5	✓	500									xxxx					
2	2	111	bot-5	✓	500			x			x	x	x						
3	3	112	bot-5	✓	500	x	x									x			
4	4	113	400	✓	400	x	xx	x								xx			bottle 4 oxygen missed, did not
5	5	114	300	✓	300	x	x	x											
6	6	115	250	✓	250	x	x	x											
7	7	116	200	✓	200	x	x	x											
8	8	117	150	✓	150	xx	x	x											
9	9	118	100	✓	100	x	x	x											
10	10	119	75	✓	75	x	x	x											
11	11	120	50	✓	50			x			x	x	x						
12	12	121	50	✓	50	x	xx												
13	13	122	25	✓	25	x	x	x	xx										
14	14	123	10	✓	10	x	x	x	x										
15	15	124	5	✓	4.7	xx	x	x	x										
16	16	125	0	✓	2.4	x	x		x										
17	17	126	0	✓	2.4			x			xx	xx	x						
18	18	127	0	✓	2.4									xxxx					
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:ROS

Watchkeeper(s):Mark Belton

Bottom Depth:m

Trans Clean: yesFl. Clean: no

Par Status:no

TimeUTCLocal

Start21:45:4313:45:43

Bottom21:54:38

End22:21:43

Positional Information

Lat:50 21.712 N

Lon:124 42.463 W

Lat:50 21.691 N

Lon:124 42.44 W

Lat:50 21.689 N

Lon:124 42.427 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Sampling Log

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

Cruise ID:

2023-080

Station:

HC2

Event #:

46

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-06-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels: YES
1	1	128	bot-5	✓	714									xxxx					
2	2	129	bot-5	✓	714			x			x	x	x						
3	3	130	bot-5	✓	714		x									x			
4	4	131	700	✓	700.2		x									x			
5	5	132	600	✓	599.9		x									x			
6	6	133	500	✓	500.2		x									x			
7	7	134	400	✓	400.4		x									x			
8	8	135	300	✓	300.2		xx												
9	9	136	250	✓	250.3		x												
10	10	137	200	✓	200		x												
11	11	138	150	✓	150.1		x												
12	12	139	100	✓	100.2		x												
13	13	140	75	✓	75.2		x												
14	14	141	50	✓	50			x			x	x	x						
15	15	142	50	✓	50		x												
16	16	143	25	✓	24.7		x		x										
17	17	144	10	✓	10		x		x										
18	18	145	5	✓	5.1		xx		x										
19	19	146	0	✓	2.6		x		xx										
20	20	147	0	✓				x			xx	xx	x						Did not close properly, no sa
21	21	148	0	✓										xxxx					
22																			
23																			
24																			

Profile type:

ROS

Watchkeeper(s):

Cindy Wright

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

0:13:35

16:13:35

Bottom

0:26:53

End

1:03:36

Positional Information

Lat:

50 17.736 N

Lon:

124 40.193 W

Bottom

Lat:

50 17.729 N

Lon:

124 40.188 W

End

Lat:

50 17.715 N

Lon:

124 40.18 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Station:

TO4A

Sampling Log

Event #:

40

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-05-2023

Niskin #

Firing #

Sample #

Rosette Operation

Target Pressure

Confirmed ✓ Pressure

Sampler's Initials / Samples Taken

OXY

Nut-F

Sal

CHL

TOC

DOC

O18

Sample Lists:

All_Samples

SPC

Nut-C

Comments

Save sheet after printing labels:

YES

1

1

93

bot-5

✓

373

xxxx

2

2

94

bot-5

✓

373

x

x

x

x

3

3

95

bot-5

✓

373

x

4

4

96

300

✓

300

x

5

5

97

250

✓

250

x

6

6

98

200

✓

200

x

7

7

99

150

✓

150

x

8

8

100

100

✓

100

x

9

9

101

75

✓

75

x

10

10

102

50

✓

50

x

x

x

x

11

11

103

50

✓

50

x

12

12

104

25

✓

25

x

x

13

13

105

10

✓

10

xx

x

14

14

106

5

✓

5

xx

xx

15

15

107

0

✓

2.3

x

x

16

16

108

0

✓

2.4

x

xx

xx

x

17

17

109

0

✓

2.4

xxxx

18

19

20

21

22

23

24

Start

Bottom

End

Profile type:

ROS

Watchkeeper(s):

David Spear

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

19:17:03

11:17:03

Bottom

19:23:39

End

19:48:55

Positional Information

Lat:

50 25.668 N

Lon:

124 30.932 W

Lat:

50 25.667 N

Lon:

124 30.928 W

Lat:

50 25.674 N

Lon:

124 30.918 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Program STN List: Custom_Stn_List

Sampling Log

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

Cruise ID: 2023-080

Station: JE03

Event #: 33

Ship: Vector

UTC Date (dd-mm-yyyy): 11-04-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			Save sheet after printing labels:
																			YES
1	1	72	bot-5	✓	679									xxxx					
2	2	73	bot-5	✓	679			xx			x	x	x						
3	3	74	bot-5	✓	679	x	x									x			
4	4	75	600	✓	600	x	x									x			
5	5	76	500	✓	500	x	xx									xx			
6	6	77	400	✓	400	x	x									x			
7	7	78	300	✓	300	x	xx												
8	8	79	250	✓	250	x	x												
9	9	80	200	✓	200	x	x												
10	10	81	150	✓	150	x	x												
11	11	82	100	✓	100	xx	x												
12	12	83	75	✓	75	x	x												
13	13	84	50	✓	50			x			x	x	x						
14	14	85	50	✓	50	x	x												
15	15	86	25	✓	25	x	x		x										
16	16	87	10	✓	10	xx	x		x										
17	17	88	5	✓	5	x	x		x										
18	18	89	0	✓	3	x	x		xx										
19	19	90	0	✓	3			x			xx	xx	x						
20	20	91	0	✓	3									xxxx					
21																			
22																			
23																			
24																			

Profile type: ROS

Watchkeeper(s): David Spear

Bottom Depth: m

Trans Clean: yes Fl. Clean: no

Par Status: no

Time

UTC

Local

Start

23:29:34

15:29:34

Bottom

23:42:05

End

0:15:18

Positional Information

Lat: 49 48.054 N

Lon: 124 2.448 W

Lat: 49 48.039 N

Lon: 124 2.452 W

Lat: 49 48.031 N

Lon: 124 2.43 W

Extra comments:

Water Properties Group

Cruise ID:2023-080

Program STN List:Custom_Stn_List

Station:JE02

Sampling Log

Event #:35

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

Ship:Vector

UTC Date (dd-mm-yyyy):11-05-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples							Comments	
			Target Pressure	Confirmed ✓	Pressure	OXY	Nut-F	Sal	CHL		TOC	DOC	O18	SPC		Nut-C			
																		Save sheet after printing labels: YES	
1	1	92	bot-10	✓	596			xx											10 mab
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Start

Bottom

End

Profile type:ROS

Watchkeeper(s):David Spear

Bottom Depth:m

Trans Clean: yesFl. Clean: no

Par Status:no

TimeUTCLocal

Start2:11:5318:11:53

Bottom2:22:41

End2:35:08

Positional Information

Lat:49 46.246 N

Lon:124 9.242 W

Lat:49 46.271 N

Lon:124 9.226 W

Lat:49 46.284 N

Lon:124 9.245 W

Extra comments:

Version: 1-Dec-22

Water Properties Group

Cruise ID:

2023-080

Program STN List:

Custom_Stn_List

Sampling Log

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

Cruise ID:

2023-080

Station:

DS2

Event #:

48

Ship:

Vector

UTC Date (dd-mm-yyyy):

11-06-2023

Niskin #	Firing #	Sample #	Rosette Operation			Sampler's Initials / Samples Taken					Sample Lists: All_Samples					Comments					
			Target Pressure	Confirmed ✓	Pressure	TOC low	TOC mid	TOC top													
																		Save sheet after printing labels: YES			
1	1	800	T0 0	✓	50	xxx	xxx	xxx										TOC	Time Sampling Experim		
2	2	801	T0 50	✓	50	xxx	xxx	xxx											TOC	Time Sampling Experim	
3	3	802	T20 0	✓	2.9	xxx	xxx	xxx												TOC	Time Sampling Experim
4	4	803	T20 50	✓	2.9	xxx	xxx	xxx												TOC	Time Sampling Experim
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):

David Spear

Bottom Depth:

m

Trans Clean:

yes

Fl. Clean:

no

Par Status:

no

Time

UTC

Local

Start

3:11:01

19:11:01

Bottom

3:21:43

End

3:35:58

Positional Information

Lat:

50 9.012 N

Lon:

124 44.268 W

Bottom

Lat:

50 9.043 N

Lon:

124 44.319 W

End

Lat:

50 9.024 N

Lon:

124 44.257 W

Extra comments:

TOC Sampling Experiemnt - Not part of regular sampling - Gave 800 series numbers to differentiate

Version: 1

1-Dec-22