

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

SI

Event #:

2

Ship:

Vector

UTC Date (dd/mm/yyyy):

17 June 2021

Niskin # Firing # Sample #

Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists:				Comments	
Target Pressure	Confirmed Pressure	OXY	Nut F	CHL	HPLC	Core	Samples			Save sheet after printing labels:	YES

1		1	20	✓	20	x	x	xx			
2		2	10	✓	10	xx	x	x			
3		3	5	✓	5	x	x	x			
4		4	0	✓	2.6	x	x	x	xx		
5											
6											
7											
8											
9											
10										FL: 1.2	
11											
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22											
23											
24											

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. X) are mandatory fields before labels will print

Up to six replicates can be printed (xxxxxx). To indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

Profile type: ROS/TRM X-Niskin other?  
Watchkeeper(s): SK/PC/MS/ky

Bottom Depth: 185 m  
Transmisso Cleaned: (Y) / N

Time UTC Local  
Start 0:56  
Bottom 0:59  
End 1:05

Positional Information  
Start  
Lat: 48 ° 39.108 N  
Lon: 123 ° 30.592 W

Bottom  
Lat: ° 39.108 N  
Lon: ° 30.592 W

End  
Lat: ° 39.1185 N  
Lon: ° 30.581 W

Extra comments: 3  
wouldn't five  
started a 20m  
upcast = event 2

## Water Properties Group

**Program  
STN List:**

All Stns

# Sampling Log

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

**Cruise ID:**

2021-021

**Station:**

SC04

**Event #:**

## Ship:

Vector

UTC Date (dd mmm yyyy): 17 Jun 2021

**Profile type:**

ROS	TRM	X-Niskin	other?
Matchkeeper(s): PC			

**Save sheet after printing labels:**

YES

Bottom Depth: 95 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
------	-----	-------

Start	0209	1909
-------	------	------

Bottom	0212	
--------	------	--

End	0218	
-----	------	--

### Positional Information

Lat: 48° 43.49' N

Lon: 123.25, 016 W

Lat: 48° 43' 49.5" N

Lon: 123.25006 W

Lat: 48° 43.500 N

Lon: 123.24.997 W

**Extra comments:**

Version: 4MAR2021

**Transmissometer to be cleaned before each cast, do not use Ammonia products**

**Instructions for Etilson Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'**

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the excellent Printing Sample Labels Directory from Rosette.

For the six replicates can be printed ("xxxxxx"): to indicate a sample taken without printing a label use the 'X' selection

Up to six replicates can be pilloted (xxxxxx), to indicate a sample without pilloting a value. The feature that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Do not include characters in these fields that cannot be saved (ex: \ / : \* < > ) in a file name

**\*Note -** Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the Validation list sheet.

Water Properties Group

Program STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

59

Event #:

6

Ship:

Vector

UTC Date (dd|mm|yy): 17 | Jun | 2021

Niskin # Firing # Sample #

Rosette Operation		Sampler's Initials / Samples Taken										Sample Lists:		Core Samples		Comments	
Target Pressure	Confirmed Pressure	OXY	NuLF	Sal	DIC	CHL	HPLC	Lugols									Save sheet after printing labels: YES

1		9	✓	237	X	X		X									
2		10	✓	200	X	X	X	XX									
3		11	✓	175	X	X											
4		12	✓	150	X	X			X								
5		13	✓	125	X	X											
6		14	✓	100	X	XX			X								
7		15	✓	75	X	XX			X								
8		16	✓	50	X	X			X								
9		17	✓	40	X	X											
10		18	✓	30	XX	X		XX									
11		19	✓	20	X	X		X	XX								
12		20	✓	10	X	X		X	X								
13		21	✓	5	XX	X		X	X								
14		22	✓	0	X			X									
15		23	✓	0	X			X	XX	X							
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Version: 4MAR2021 Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. X) are mandatory fields before labels will print

Up to six replicates can be printed (xxxxx): to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): De MB

Bottom Depth: 237 m

Transmisso Cleaned: Y / N

Time UTC Local

Start	0522	2222
Bottom	0527	2227
End	0546	2246

Positional Information

Start

Lat: 48 ° 37.842 N

Lon: 123 ° 14.490 W

Bottom

Lat: 48 ° 37.909 N

Lon: 123 ° 14.448 W

End

Lat: 48 ° 38.320 N

Lon: 123 ° 14.611 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

102

Event #:

10

Ship:

Vector

UTC Date (dd|mm|yyyy): 17 | Jun | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples				Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPIC	DA	Lugol's					Save sheet after printing labels: YES
1		24	Bot-5	✓ 253	X	X										
2		25	250	✓	X	X	X									
3		26	200	✓	XX	X										
4		27	175	✓ 176	X	X										
5		28	150	✓	X	X										
6		29	125	✓	XX	X										
7		30	100	✓	X	X										
8		31	75	✓	X	XX										
9		32	50	✓	X	X										
10		33	40	✓	X	X										
11		34	30	✓	X	X										
12		35	20	✓	X	X	X									
13		36	10	✓	X	X		X								
14		37	5	✓ 6	X	XX		XX								
15		38	0	✓	X	X		X	XX	X	X				FL	
16																
17																
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23																
24																

Version: 4M/R2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Bottom Depth: 258 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	1527	0827
Bottom	1532	
End	1553	

Positional Information

Lat: 48 ° 30.006 N
Lon: 124 ° 44.006 W

Start

Lat: 48 ° 30.011 N
Lon: 124 ° 43.994 W

Bottom

Lat: 48 ° 30.031 N
Lon: 124 ° 44.002 W

End

Extra comments:

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. X) are mandatory fields before labels will print

Up to six replicates can be printed (xxxxxx), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > |) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet



Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

72

Event #:

17

Ship:

Vector

UTC Date (dd/mm/yyyy): 18 Jul 2021

Niskin #

Firing #

Sample #

Target Pressure

Confirmed Pressure

Pressure

Sample's Initials / Samples Taken

Sample Lists: Core Samples

Comments

1

2

3

4

5

6

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328

Water Properties Group

Cruise ID:

2021-021

Station:

69

Event #:

20

Ship:

Vector

UTC Date (dd|mm|yyyy):

18 | 50 | 2021

Program  
STN List:

All Stns

Sampling Log

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

Profile type:  
ROS TRM: X-Niskin other?  
Watchkeeper(s): R MB

Bottom Depth: 176 m  
Transmisso Cleaned: (Y) / N

Time		UTC	Local
Start		0301	2001
Bottom		0306	2006
End		0324	2024

Positional Information  
Lat: 48 ° 15.534 N  
Lon: 123 ° 42.212 W

Start  
Lat: 48 ° 15.534 N  
Lon: 123 ° 42.212 W  
Bottom  
Lat: 48 ° 15.463 N  
Lon: 123 ° 43.127 W  
End  
Lat: 48 ° 15.218 N  
Lon: 123 ° 42.938 W

Extra comments:

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC			Core Samples	Save sheet after printing labels:	YES
1		67	Bot-5	✓ 173	X	X								
2		68	150	✓ 150	X	XX	X							
3		69	125	✓ 125	X	X								
4		70	100	✓ 100	X	X								
5		71	75	✓ 75	X	X								
6		72	50	✓ 50	X	X								
7		73	40	✓ 40	XX	XX								
8		74	30	✓ 30	X	X								
9		75	20	✓ 20	X	X		X						
10		76	10	✓ 10	XX	X		XX						
11		77	5	✓ 5	X	X		X						
12		78	0	✓ 3.1	X	X		X	XX					
13														
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19														
20														
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22														
23														
24														

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

Water Properties Group

Program STN List:

All Shrs

Sampling Log

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

Cruise ID:

2021-021

Station:

adcp

Event #:

21

Ship:

Vector

UTC Date (dd/mm/yyyy):

18 June 2021

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

SR

Niskin #	Firing #	Sample #	Rosette Operation		Sample's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPIC	Lugols					Save sheet after printing labels:	YES
1		79	Bot-5	✓ 119	x	x										
2		80	100	✓	x	x	x									
3		81	75	✓ 76	x	x										
4		82	50	✓	x	x										
5		83	40	✓	x	x										
6		84	30	✓	x	x										
7		85	20	✓	x	x		xx								
8		86	10	✓ 11	xx	<del>x</del>		x							No nut #86	
9		87	5	✓	x	xx		x								
10		88	0	✓	x	x		x	xx	x					FL:	
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Version: 4MAR2021

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Up to six replicates can be printed (xxxxx): to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex: Deep Cast). Do not include characters in these fields that cannot be saved (ex: \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Bottom Depth: 123 m

Transmisso Cleaned: (Y) / N

Time UTC Local

Start 1526 0826

Bottom 1529

End 1541

Positional Information

Lat: 48.14.003 N

Lon: 123.17.990 W

Bottom

Lat: 48.13.997 N

Lon: 123.18.000 W

End

Lat: 48.13.999 N

Lon: 123.17.986 W

Extra comments:



Water Properties Group

Program  
STN List:

All Shrs

Sampling Log

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

Cruise ID:

2021-021

Station:

65

Event #:

22

Ship:

Vector

UTC Date (dd/mm/yyyy): 18 June 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut F	Sal	CHL	HP/LC	Core	Samples	Save sheet after printing labels:	YES	
1		89	Bot-5	✓ 121	X	XX								
2		90	100	✓ 101	X	X	X							
3		91	75	✓	X	X								
4		92	50	✓	X	X								
5		93	40	✓	X	X								
6		94	30	✓	X	X								
7		95	20	✓	X	X		X						
8		96	10	✓	X	X		X						
9		97	5	✓	X	X		XX						
10		98	0	✓	XX	X		X	XX					FL: ~0.6
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Version: 4M/R2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

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Up to six replicates can be printed ('XXXXX'); to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

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\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): SR

Bottom Depth: 127 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	1629	0929
Bottom	1632	
End	1643	

Positional Information

Lat: 48° 15.916 N
Lon: 123° 9.798 W

Start

Lat: 48° 15.940 N
Lon: 123° 9.793 W

Bottom

Lat: 48° 15.995 N
Lon: 123° 9.793 W

End

Extra comments:

Water Properties Group

Program  
STN List:

All Sins

Sampling Log

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

Cruise ID:

Station:

62

Event #:

23

Ship:

Vector

UTC Date (dd|mm|yyyy): 15 Jun 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	NutF	Sal	CHL	HPLC						Save sheet after printing labels:	YES
1		99	Bot-5	✓ 146	X	X										
2		100	125	✓	X	X	X									
3		101	100	✓	X	X										
4		102	75	✓	XX	X										
5		103	50	✓	XX	X										
6		104	40	✓	X	X										
7		105	30	✓	X	XX										
8		106	20	✓	X	X		XX								
9		107	10	✓	X	X		X								
10		108	5	✓	X	X		X								
11		109	0	✓	X	XX		X	XX						FL	
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Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

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Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type:  
(ROS) TRM X-Niskin other?  
Watchkeeper(s):

Bottom Depth: 149 m  
Transmisso Cleaned: 0 / N

Time UTC Local  
Start 1739 1039  
Bottom 1743  
End 1756

Positional Information  
Lat: 48 ° 22.825 N  
Lon: 123 ° 2.590 W

Bottom  
Lat: 48 ° 22.808 N  
Lon: 123 ° 2.581 W

End  
Lat: 48 ° 22.825 N  
Lon: 123 ° 2.597 W

Extra comments:

Water Properties Group

Program STN List:

All Sins

Sampling Log

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

Cruise ID:

Station:

2021-021

56

Event #:

26

Ship:

Vector

UTC Date (dd|mm|yyyy): 18 | Jul | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut F	Sal	CHL	HPLC	Lugol's	Core Samples		Save sheet after printing labels:	YES
1		110	✓ Bot-5	✓ 211	x	x								
2		111	✓ 200	✓ 200	x	x	x							
3		112	✓ 175	✓ 175	x	x								
4		113	✓ 150	✓ 150	x	x								
5		114	✓ 125	✓ 125	x	x								
6		115	✓ 100	✓ 100	x	x								
7		116	✓ 75	✓ 75	x	x								
8		117	✓ 50	✓ 50	x	x								
9		118	✓ 40	✓ 40	x	x								
10		119	✓ 30	✓ 30	xx	x								
11		120	✓ 20	✓ 20	x	xx		x						
12		121	✓ 10	✓ 10	x	xx		xx						
13		122	✓ 5	✓ 5	x	x		x						
14		123	✓ 0	✓ 2.5	xx	x		x	xx	x				
15													FL:	
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23														
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Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Extra comments:

Bottom Depth: 215 m

Transmisso Cleaned: ☒ Y N

Time

UTC

Local

Start

2215

1515

Bottom

2219

1519

End

2234

1534

Positional Information

Start

Lat: 48 ° 46.379 N

Lon: 123 ° 01.604 W

Bottom

Lat: 48 ° 46.385 N

Lon: 123 ° 01.604 W

End

Lat: 48 ° 46.270 N

Lon: 123 ° 01.498 W

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'x' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Cruise ID: 2021-021 Station: 46 Event #: 33 Ship: Vector UTC Date (dd|mm|yyyy): 19 | Jun |

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken					Sample Lists: Core Samples					Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	chl	HPIC						Save sheet after printing labels: YES	
1		124	Bot-5	✓ 176	xx	xx										
2		125	150	✓ 150	x	x	x									
3		126	125	✓ 125	x	x										
4		127	100	✓ 100	x	x										
5		128	75	✓ 75	xx	x										
6		129	50	✓ 50	x	x										
7		130	40	✓ 40	x	x										
8		131	30	✓ 30	x	xx										
9		132	20	✓ 20	x	x		xx								
10		133	10	✓ 10	x	x		x								
11		134	5	✓ 5	x	x		x								
12		135	0	✓ 2.4	x	x		x	xx						FL: 2.4	
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxx'); to indicate a sample taken without printing a label use the 'x' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex: Deep Cast). Do not include characters in these fields that cannot be saved (ex: \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): R MJB

Bottom Depth: 176 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	0302	2002
Bottom	0306	2006
End	0320	2020

Positional Information

Start

Lat: 48 ° 51.355 N

Lon: 123 ° 10.724 W

Bottom

Lat: 48 ° 51.316 N

Lon: 123 ° 10.734 W

End

Lat: 48 ° 51.241 N

Lon: 123 ° 10.704 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

42

Event #:

37

Ship:

Vector

UTC Date (dd|mm|yy): 19 Jun 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists:		Core Samples	Comments		Profile type: ROS TRM X-Niskin other? Watchkeeper(s): MB	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	DIC	CHL	HPIC	DA	Lugols	Save sheet after printing labels:		YES			
1		136	Bot-5	✓	316	x	x		x									
2		137	300	✓	300	x	x	x										
3		138	250	✓	250	x	x		x									
4		139	200	✓	200	x	x			x								
5		140	175	✓	175	x	x											
6		141	150	✓	150	x	x		x									
7		142	125	✓	125	x	x		x									
8		143	100	✓	100	x	x		xx									
9		144	75	✓	75	x	xx		x									
10		145	50	✓	50	xx	x		x									
11		146	40	✓	40	x	xx		x									
12		147	30	✓	30	x	x		x									
13		148	20	✓	20	x	x		xx	x								
14		149	10	✓	10	x	x		x	xx								
15		150	5	✓	5	x	x		x									
16		151	0	✓	2.6	✗	✗		✗	xx	x							
17		152	0	✓	2.6	✗	✗		✗	xx	x							
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. 'X') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Bottom

Lat: 49 ° 01.806 N

Lon: 123 ° 26.192 W

Start

Lat: 49 ° 01.840 N

Lon: 123 ° 26.174 W

Positional Information

Lat: 49 ° 01.840 N

Lon: 123 ° 26.174 W

End

Lat: 49 ° 01.783 N

Lon: 123 ° 26.047 W

Time

UTC

Local

Start

0622

2322

Bottom

0628

2328

End

0650

Bottom Depth: 322 m

Transmisso Cleaned: Y N

Extra comments:

FL: 4.0

swift samples

bottle 16 + 17 bottle

Water Properties Group

Program  
STN List:

All Sins

Sampling Log

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

Cruise ID:

2021-021

Station:

39

Event #:

42

Ship:

Vector

UTC Date (dd|mm|yyyy): 19 June 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut F	Sal	CHL	HPLC	Core	Samples	Save sheet after printing labels:		
1		153	Bot-5	✓ 374	X	X								
2		154	350	✓	X	X	X							
3		155	300	✓ 301	X	XX								
4		156	250	✓	X	X								
5		157	200	✓	X	X								
6		158	175	✓	X	X								
7		159	150	✓	XX	X								
8		160	125	✓	X	X								
9		161	100	✓	X	X								
10		162	75	✓	X	X								
11		163	50	✓	X	X								
12		164	40	✓	X	X								
13		165	30	✓	X	X								
14		166	20	✓	X	X	X							
15		167	10	✓	XX	X	X							
16		168	5	✓	X	X	XX							
17		169	0	✓	X	XX	X	XX						
18														
19														
20														
21														
22														
23														
24														

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Bottom Depth: 378 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	1111	0411
Bottom	1119	
End	1145	

Positional Information

Start	Lat: 49 ° 9.796 N	Lon: 123 ° 32.986 W
Bottom	Lat: 49 ° 9.792 N	Lon: 123 ° 32.990 W
End	Lat: 49 ° 9.790 N	Lon: 123 ° 33.010 W

Extra comments:

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an Initial Sample #, at least one Sample Type and one Sample Entry (ex. X) are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

GEO1

Event #:

415

Ship:

Vector

UTC Date (dd|mm|yyyy):

19 June 2021

Profile type:

ROS TRM X-Niskin other?

Matchkeeper(s):

SR

Niskin #

Firing #

Sample #

Rosette Operation  
Target Pressure

Confirmed Pressure

Sample's Initials / Samples Taken

Sample Lists: Core Samples

Comments

Save sheet after printing labels: YES

Bottom Depth: 403 m

Transmisso Cleaned: Y / N

Time UTC Local

Start 1406 0706

Bottom 1414

End 1425

Positional Information

Lat: 49 ° 15.006 N

Lon: 123 ° 44.927 W

Start

Lat: 49 ° 15.004 N

Lon: 123 ° 44.934 W

Bottom

Lat: 49 ° 15.008 N

Lon: 123 ° 44.914 W

End

Extra comments:

Sample numbers out of order with events

Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Nut-F	CHL	HPLC	Sample Lists: Core Samples	Comments
1		187	20	✓	X	X			
2		188	10	✓	XX	X			
3		189	5	✓	X	X			FL: 1.4
4		190	0	✓	X	XX	XX		
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an Initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxx'); to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ : \* ? < > | ) in a file name

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

27

Event #:

49

Ship:

Vector

UTC Date (dd|mm|yyyy):

19 June 2021

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

SJR

Rosette Operation

Target Pressure	Confirmed Pressure
-----------------	--------------------

Sampler's Initials / Samples Taken

OXY	Nut-F	Sal	DIC	CHL	HPLC	DA	Lugol's
-----	-------	-----	-----	-----	------	----	---------

Sample Lists: Core Samples

--	--	--	--	--	--	--	--

Comments

Save sheet after printing labels:

YES

Bottom Depth: 348 m

Transmisso Cleaned: 0 / N

Time UTC Local

Start 1646

Bottom 1652

End 1717

Positional Information

Lat: 49 ° 19.114 N

Lon: 123 ° 47.966 W

Bottom

Lat: 49 ° 19.136 N

Lon: 123 ° 47.995 W

End

Lat: 49 ° 19.119 N

Lon: 123 ° 48.026 W

Extra comments:

Bot 17 wasn't

fired: made event

50 to get bot 17

Niskin #	Firing #	Sample #	Bot-5	XX	X	X	XX	CHL	HPLC	DA	Lugol's	Comments
1		170	300	✓	342							
2		171	250	✓								
3		172	200	✓								
4		173	175	✓								
5		174	150	✓								
6		175	125	✓								
7		176	100	✓								
8		177	75	✓								
9		178	50	✓								
10		179	40	✓								
11		180	30	✓								
12		181	20	✓								
13		182	10	✓								
14		183	5	✓								
15		184	0	✓								
16		185	0	✓								
17		186	0	✓								
18												
19												
20												
21												
22												
23												
24												

Version: 4/MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an Initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet



Water Properties Group

Program  
STN List: All\_Sims

Sampling Log

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

Cruise ID: 2021-021

Station: 24

Event #: 55

Ship: Vector

UTC Date (dd|mm|yyyy): 19 Jul 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken				Sample Lists: Core Samples		Comments	
			Target Pressure	Confirmed Pressure	Nut-F	CHL	HLIC				Save sheet after printing labels:	
1		191	20	✓ 20	x	xx						
2		192	10	✓ 10	x	x						
3		193	5	✓ 5	x	x						
4		194	0	✓ 2.6	x	x	xx				FL:	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an Initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type:  
ROS TRM X-Niskin other?  
Watchkeeper(s): P YLB

Bottom Depth: 428 m  
Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	2101	1401
Bottom	2109	1409
End	2120	1420

Positional Information

Start

Lat: 49 ° 30.356 N  
Lon: 124 ° 05.965 W

Bottom

Lat: 49 ° 30.358 N  
Lon: 124 ° 05.970 W

End

Lat: 49 ° 30.361 N  
Lon: 124 ° 05.939 W

Extra comments:

## Water Properties Group

**Program  
STN List:**

# Sampling Log

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

**Cruise ID:**

**Station:**

Event #: 57

## Ships

UTC Date (dd mmm yyyy): 19 Jul 2021

Version: 4MAR202-

**Transmissometer to be cleaned before each cast, do not use Ammonia products**

**Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions**  
**Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. "A") are mandatory fields before printing. "**

Up to six replicates can be printed ('xxxxxx'); to indicate a sample taken without printing a label use the 'X' selection. Ensure that on Europa Number 1 labels the 'X' is printed in the correct position.

Print files will be generated with the Event Number and closing printed sheets to retain an electronic record.

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller set of validation lists will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast

validation and sample type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

to allow for a stricter sub-group of selections. A custom list can also be built in the specified column on the validation list sheet



Water Properties Group

Program  
STN List: All Stns

Sampling Log

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

Cruise ID: 2021-021 Station: 3 Event #: 62 Ship: Vector UTC Date (dd/mm/yyyy): 20 | 501 | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists				Comments
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	Core	Samples	Save sheet after printing labels: YES			
1		210	Bot-5	✓ 318	x	x									
2		211	300	✓ 300	x	xx	x								
3		212	250	✓ 250	x	xx									
4		213	200	✓ 200	xx	x									
5		214	175	✓ 175	x	x									
6		215	150	✓ 150	x	x									
7		216	125	✓ 125	x	x									
8		217	100	✓ 100	xx	x									
9		218	75	✓ 75	x	x									
10		219	50	✓ 50	x	x									
11		220	40	✓ 40	x	x									
12		221	30	✓ 30	x	x									
13		222	20	✓ 20	x	x		x							
14		223	10	✓ 10	x	x		x							
15		224	5	✓ 5	x	x		x							
16		225	0	✓ 2.4	x	x		xx	xx						FL: 1.2
17															
18															
19															
20															
21															
22															
23															
24															

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an initial Sample #, at least one Sample Type and one Sample Entry (ex. x) are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxx'), to indicate a sample taken without printing a label use the 'x' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > |) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type: ROS TRM X-Niskin other?

Watchkeeper(s): PC MRB

Bottom Depth: 323 m

Transmisso Cleaned: (Y) / N

Time UTC Local

Start 0221 1921

Bottom 0227 1927

End 0247 1947

Positional Information

Start Lat: 49 ° 26.586 N Lon: 124 ° 20.196 W

Bottom Lat: 49 ° 26.602 N Lon: 124 ° 20.200 W

End Lat: 49 ° 26.600 N Lon: 124 ° 20.202 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

6

Event #:

65

Ship:

Vector

UTC Date (dd|mm|yyyy): 20 | Jul | 2021

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s): P. V. B.

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut F	Sal	CHL	HPLC							Save sheet after printing labels: YES
1		230	Bot-5	✓ 188	x	x										
2		231	175	✓ 175	xx	x	x									
3		232	150	✓ 150	x	x										
4		233	125	✓ 125	x	x										
5		234	100	✓ 100	x	xx										
6		235	75	✓ 75	x	x										
7		236	50	✓ 50	x	x										
8		237	40	✓ 40	x	x										
9		238	30	✓ 30	x	xx										
10		239	20	✓ 20	xx	x		x								
11		240	10	✓ 10	x	x		xx								
12		241	5	✓ 5	x	x		x								
13		242	0	✓ 2.5	x	x		x	xx							FL: 1.4
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

Entries for Cruise ID, Station, an Initial Sample #, at least one Sample Type and one Sample Entry (ex. 'x') are mandatory fields before labels will print

Up to six replicates can be printed ('xxxxxx'), to indicate a sample taken without printing a label use the 'X' selection

Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ / : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Bottom Depth: 197 m

Transmisso Cleaned: (Y) / N

Time UTC Local

Start 0440 2140

Bottom 0444 2144

End 0459 2159

Positional Information

Start Lat: 49 ° 30.559 N Lon: 124 ° 27.774 W

Bottom Lat: 49 ° 30.575 N Lon: 124 ° 27.798 W

End Lat: 49 ° 30.581 N Lon: 124 ° 27.864 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID: 2021-021

Station:

9

Event #:

68

Ship:

Vector

UTC Date (dd|mm|yy): 20 | June | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	OXY	NuLF	Sal	CHL	HPIC						Save sheet after printing labels:	YES
1		243	Bot-5		X	XX										
2		244	150		X	X	X									
3		245	125		X	X										
4		246	100		X	X										
5		247	75		X	X										
6		248	50		XX	X										
7		249	40		X	X										
8		250	30		XX	X										
9		251	20		X	X		X								
10		252	10		X	X		X								
11		253	5		X	XX		X								
12		254	0		X	X		XX	XX						FL:	
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

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Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \/:\*?<>|) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Print type: ☒ ROS ☐ TRM ☐ X-Niskin ☐ other?

Watchkeeper(s): SR

Bottom Depth: 173 m

Transmisso Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start	0754	0054
Bottom	0758	
End	0813	

Positional Information

Start

Lat: 49 ° 35.503 N

Lon: 124 ° 38.263 W

Bottom

Lat: 49 ° 35.510 N

Lon: 124 ° 38.275 W

End

Lat: 49 ° 35.508 N

Lon: 124 ° 38.287 W

Extra comments:

Water Properties Group

Program STN List: All Sins

Sampling Log

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

Cruise ID: 2021-021

Station: 12

Event #: 72

Ship: Vector

UTC Date (dd|mm|yyyy): 20 | June | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken								Sample Lists:				Comments		
			Target Pressure	Confirmed Pressure	OXY	Nit-F	Sal	DIC	chl	HLIC	DA	Lugol's	Core Samples	Save sheet after printing labels: YES					
1		255	Bot-5	✓	353	X	X		X										
2		256	300			X	XX	X											
3		257	250			XX	X		XX										
4		258	200			XX	X		X										
5		259	175			X	X												
6		260	150	✓		X	X		X										
7		261	125	✓		X	X		X										
8		262	100	✓		X	X		X										
9		263	75	✓		X	X		X										
10		264	50			X	X		XX										
11		265	40			X	X		X										
12		266	30			X	XX		X										
13		267	20			X	X		X										
14		268	10			X	X		X										
15		269	5			X	X		X		XX								
16		270	0			X			X										
17		271	0				X				X	XX	X	X					FL:
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Version: 4MA/R2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

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Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \ : \* ? < > | ) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Bottom Depth: 360 m

Transmisso Cleaned: (Y) / N

Time	UTC	Local
Start	1049	0349
Bottom	1056	
End	1116	

Positional Information

Lat: 49.43.614 N	Start
Lon: 124.40.789 W	Start
Lat: 49.43.618 N	Bottom
Lon: 124.40.802 W	Bottom
Lat: 49.43.627 N	End
Lon: 124.40.862 W	End

Extra comments:

Water Properties Group

Program STN List: All Sins

Sampling Log

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

Cruise ID:

2021-021

Station:

14

Event #:

75

Ship:

Vecor

UTC Date (dd|mm|yyyy): 20 June 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken							Sample Lists:		Comments	
			Target Pressure	Confirmed Pressure	OXY	Nut-F	Sal	CHL	HPLC	Lugols		Core Samples		Save sheet after printing labels:	YES

1		272	Bot-5	✓	310	X	X								
2		273	300	✓		XX	X	X							
3		274	250	✓		X	X								
4		275	200	✓		X	X								
5		276	175	✓		X	X								
6		277	150	✓		X	X								
7		278	125	✓		XX	X								
8		279	100	✓		X	X								
9		280	75	✓		X	X								
10		281	50	✓		X	XX								
11		282	40	✓		X	XX								
12		283	30	✓		X	X								
13		284	20	✓		X	X								
14		285	10	✓		X	X								
15		286	5	✓		X	X								
16		287	0	✓		X	X	XX	XX	X					
17															
18															
19															
20															
21															
22															
23															
24															

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

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Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record  
Print files will be generated with fields from Cruise ID, Station and the shaded cell in Extra Comments (to denote a cast type ex. Deep Cast). Do not include characters in these fields that cannot be saved (ex. \/:\*?<>|) in a file name

\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Profile type: ROS TRM X-Niskin other?  
Watchkeeper(s): SRE

Bottom Depth: 316 m  
Transmisso Cleaned: Y/N

Time UTC Local  
Start 1413 0713  
Bottom 1419  
End 1439

Positional Information  
Start  
Lat: 49.53.022 N  
Lon: 124.59.604 W

Bottom  
Lat: 49.53.016 N  
Lon: 124.59.602 W

End  
Lat: 49.53.014 N  
Lon: 124.59.585 W

Extra comments:



Water Properties Group

Program STN List: All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

16

Event #:

78

Ship:

Vector

UTC Date (dd|mm|yyyy):

20 | Jun | 2021

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

SR

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists: Core Samples						Comments	
			Target Pressure	Confirmed Pressure	OXY	NuF	Sal	CHL	HPLC								Save sheet after printing labels:	YES
1		288	Bot-5	✓ 155	X	X												
2		289	125	✓	X	XX	X											
3		290	100	✓	X	X												
4		291	75	✓	XX	X												
5		292	50		X	X												
6		293	40		X	X												
7		294	30		X	XX												
8		295	20		X	X		X										
9		296	10		X	X		X										
10		297	5		XX	X		X										
11		298	0		X	X		XX	XX									
12																		
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14																		
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21																		
22																		
23																		
24																		

Version: 4MAR2021

Transmissometer to be cleaned before each cast, do not use Ammonia products

Instructions for Filling Rosette Sheet for Printing - For detailed instructions see the document 'Printing Sample Labels Directly from Rosette Sheets - Detailed Installation and User Instructions'

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Ensure that an Event Number has been entered before saving and closing printed sheets to retain an electronic record

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\*Note - Different validation lists can be selected for Station and Sample Type to allow for a smaller sub-group of selections. A custom list can also be built in the specified column on the validation list sheet

Bottom Depth: 157 m

Transmisso Cleaned: (Y) N

Time UTC Local

Start 1828 1128

Bottom 1832

End 1844

Positional Information

Lat: 49 ° 57.670 N

Lon: 125 ° 8.725 W

Bottom

Lat: 49 ° 57.624 N

Lon: 125 ° 8.573 W

End

Lat: 49 ° 57.592 N

Lon: 125 ° 8.342 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

QU-39

Event #:

80

Ship:

Vector

UTC Date (dd|mm|yy): 20 | Jul | 2021

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken			Sample Lists: Core Samples			Comments	
			Target Pressure	Confirmed Pressure	Nit.F	CHL	HPLC				Save sheet after printing labels:	YES
1		299	20	✓ 20	x	x						
2		300	10	✓ 10	x	x						
3		301	5	✓ 5	x	x						
4		302	0	✓ 2.6	x	xx	xx				FL:	
5												
6												
7												
8												
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22												
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24												

Version: 4MAR2021

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Profile type:  
ROS TRM X-Niskin other?  
Watchkeeper(s): ERTB

Bottom Depth: 273 m  
Transmisso Cleaned: Y Y N

Time	UTC	Local
Start	1948	1248
Bottom	1954	1254
End		

Positional Information

Start  
Lat: 50 ° 01.867 N  
Lon: 125 ° 05.518 W

Bottom  
Lat: 50 ° 01.902 N  
Lon: 125 ° 05.519 W

End  
Lat: 50 ° 01.918 N  
Lon: 125 ° 05.516 W

Extra comments:

Water Properties Group

Program  
STN List:

All Stns

Sampling Log

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

Cruise ID:

2021-021

Station:

22

Event #:

85

Ship:

Vector

UTC Date (dd|mm|yyyy): 21 | Jul | 2021

Profile type:

ROS TRM X-Niskin other?

Watchkeeper(s):

PC MB

Niskin #	Firing #	Sample #	Rosette Operation		Sampler's Initials / Samples Taken						Sample Lists:		Core Samples		Comments	
			Target Pressure	Confirmed Pressure	Nut.F	CHL	HPIC	DA	Logot's						Save sheet after printing labels:	YES
1		303	20	✓ 20	X	X										
2		304	10	✓ 10	X	X										
3		305	5	✓ 5	X	XX										
4		306	0	✓ 2.5	X	X	XX	X	X						FL: 1.6	
5																
6																
7																
8																
9																
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Version: 4MAR2021

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Bottom Depth: 356 m

Transmisso Cleaned: (Y) N

Time	UTC	Local
Start	0238	1938
Bottom	0245	1945
End		

Positional Information

Start

Lat: 49 ° 40.217 N

Lon: 124 ° 16.357 W

Bottom

Lat: 49 ° 40.210 N

Lon: 124 ° 16.304 W

End

Lat: 49 ° 40.217 N

Lon: 124 ° 16.268 W

Extra comments: