

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: SC61 Event #: 001 Vessel: RICKER UTC Date (dd|mmm|yyyy): 5 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a							
1		01	b-5	507											* for Bio water needs
2		02	b-5	507											
3		03	b-5	507											
4		04	0	1-1.5											
5		05	0	1-1.5											
6		06	0	1-1.5					✓✓						
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 514 m
Transmisso Cleaned: Y | N
Fluorometer Cleaned: Y | N

Time	UTC	Local
Start (BE)	<u>22:51</u>	<u>:</u>
Bottom (BO)	<u>23:02</u>	<u>:</u>
End (EN)	<u>:</u>	<u>:</u>

Positional Information
Start
Lat: 53° 11' .957 N
Lon: 129° 24' .812 W

Bottom
Lat: 53° 11' .905 N
Lon: 129° 24' .76 W

Finish
Lat: 53° 11' .897 N
Lon: 129° 24' .688 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

* we will require a che file for this cast
+ bot

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016 02 Station: SC161 Event #: 004 Vessel: RICKER UTC Date (dd|mmm|yyyy): 5 | 03 |

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	SPC	818	phyto							
1		7	6-5	✓ 505		✓	✓		✓✓✓	✓								
2		8	400	✓ 400.2		✓			✓✓✓	✓								
3		9	200	✓ 199.7		✓			✓✓✓	✓								
4		10	100	✓ 100.3		✓			✓✓✓	✓								
5		11	40	✓ 39.6		✓			✓✓✓	✓								
6		12	0	✓ 1.2		✓			✓✓✓	✓								
7																		BIO will be taking surface bottle
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
 Ros (default) | TrMet/Ros | X-Niskin
 Watchkeeper(s):
CW

Bottom Depth: 512 m
 Transmisso Cleaned: ☒ Y ☐ N
 Fluorometer Cleaned: ☒ Y ☐ N

Time	UTC	Local
Start (BE)	<u>23:51</u>	:
Bottom (BO)	<u>00:01</u>	:
End (EN)	<u>00:14</u>	:

Positional Information

Lat:	<u>53</u> ° <u>11</u> . <u>93</u> N
Lon:	<u>129</u> ° <u>24</u> . <u>92</u> W

Bottom

Lat:	<u>53</u> ° <u>11</u> . <u>97</u> N
Lon:	<u>129</u> ° <u>24</u> . <u>88</u> W

Finish

Lat:	<u>53</u> ° <u>12</u> . <u>013</u> N
Lon:	<u>129</u> ° <u>24</u> . <u>866</u> W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOCI Event #: 08 Vessel: RICKER UTC Date (dd|mmm|yyyy): 6 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		13	0	✓	1													BIO CAST
2		14	0	✓	1													
3		15	0	✓	1													
4		16	0	✓	1													
5		17	0	✓	1													
6		18	0	✓	1													
7																		
8																		
9																		
10																		
11																		
12																		
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14																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 334 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	<u>15 :54</u>	:
Bottom (BO)	<u>15 :54</u>	:
End (EN)	<u>15 :55</u>	:

Positional Information

Lat:	<u>53 ° 43 . 765</u>	N
Lon:	<u>129 ° 2 . 554</u>	W

▼

Lat:	<u>53 ° 43 . 768</u>	N
Lon:	<u>129 ° 2 . 557</u>	W

▼

Lat:	<u>53 ° 43 . 776</u>	N
Lon:	<u>129 ° 2 . 564</u>	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

BOT CHE : BOT FILES
Please.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOCI Event #: 10 Vessel: RICKER UTC Date (dd|mmm|yyyy): 6 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		19	50	✓ 50.1						40	9	26	2					BIO WATER CAST
2		20	50	✓ 50.1						"		26	3					
3		21	50	✓ 50.1						"		26	4					
4		22	0	✓ .69						"		26	5					
5		23	0	✓ .69						"		26	6					
6		24	0	✓ .69				✓✓		"		26	7					
7																		
8																		
9																		
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13																		
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16																		
17																		
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19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMet/Ros | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 351 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	16 : 31	:
Bottom (BO)	16 : 33	:
End (EN)	16 : 34	:

Positional Information
Start
Lat: 53° 43.76 N
Lon: 129° 2.644 W

Bottom
Lat: 53° 43.76 N
Lon: 129° 2.654 W

Finish
Lat: 53° 43.76 N
Lon: 129° 2.659 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILES REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOC Event #: 011 Vessel: RICKER UTC Date (dd|mmm|yyyy): 6|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		25	200	✓ 199.9						40	9268							BIO WATER CAST
2		26	200	✓ 199.9						"	269							
3		27	200	✓ 199.9						"	270							
4		28	100	✓ 100.3						"	271							
5		29	100	✓ 100.3						"	272							
6		30	100	✓ 100.3						"	273							
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 352 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:01	:
Bottom (BO)	17:06	:
End (EN)	17:11	:

Positional Information

Lat:	53° 43.75	N
Lon:	129° 02.56	W

▼

Lat:	53° 43.75	N
Lon:	129° 02.60	W

▼

Lat:	53° 43.74	N
Lon:	129° 02.64	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILE PLEASE

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOCI Event #: 012 Vessel: RICKER UTC Date (dd|mmm|yyyy): 6 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		31	0-5	✓ 344.8													BIO WATER CAST
2		32	0-5	✓ 344.8													
3		33	0-5	✓ 344.8													
4		934	0-5	✓ 344.8													
5		935	0	✓ 1.68													
6		936	0	✓ 1.68													
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 35.2 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N
Time UTC Local
Start (BE) 1755 :
Bottom (BO) 18:01 :
End (EN) 18:08 :

Positional Information
Start Lat: 53° 43.75' N
Lon: 129° 2.58' W
Bottom Lat: 53° 43.74' N
Lon: 129° 2.59' W
Finish Lat: 53° 43.74' N
Lon: 129° 2.60' W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

* 3 bottles collected last minute appended "9"
CHE + BOT FILE REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: Station: FOCI Event #: Vessel: RICKER UTC Date (dd|mmm|yyyy): 6 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	DIC	Si	SPC	Phyto				
1		34	6-5	✓ 345		✓	✓			✓	✓✓					10S CAST
2		35	200	✓ 200		✓				✓	✓✓					
3		36	100	✓ 99.9		✓				✓	✓✓					DIC/AIK for
4		37	40	✓ 39.9		✓✓			✓✓	✓						Seaphet
5		38	40	✓ 39.9		✓					✓✓					calibration
6		39	0	✓ 40.75						✓	✓✓	✓				
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 352 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	18:32	:
Bottom (BO)	18:39	:
End (EN)	18:50	:

Positional Information

Start	Lat: 53° 43.74 N
	Lon: 129° 2.59 W

Bottom

Lat: 53° 43.74 N
Lon: 129° 2.59 W

Finish

Lat: 53° 43.75 N
Lon: 129° 2.61 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOCI Event #: 024 Vessel: RICER UTC Date (dd|mmm|yyyy): 07|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		40	0	0.9						409	281							Surface water for BIO
2		41	0	0.9						409	282							
3		42	0	0.9						409	283							
4		43	0	0.9						409	284							
5		44	0	0.9						409	285							
6		45	0	0.9						409	286							
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
CW

Bottom Depth: 350 m

Transmisso Cleaned: (Y) N

Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	15:10	:
Bottom (BO)	15:11	:
End (EN)	15:13	:

Positional Information

Start

Lat: 53°43.80 N

Lon: 129°2.59 W

Bottom

Lat: 53°43.80 N

Lon: 129°2.59 W

Finish

Lat: 53°43.80 N

Lon: 129°2.59 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHG + BOT FILE REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG 4 Event #: 025 Vessel: RICKER UTC Date (dd|mmm|yyyy): 07|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a									
1		46	b-5	✓ 218						409	288						Bio water cast
2		47	b-5	✓ 218						"	289						
3		48	b-5	✓ 218						"	290						
4		49	0	✓ 0.96						"	291						
5		50	0	✓ 0.96						"	292						
6		51	0	✓ 0.96				✓✓		"	293						
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
CW

Bottom Depth: 224 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:00	:
Bottom (BO)	17:04	:
End (EN)	17:09	:

Positional Information

Start

Lat: 53° 55.52 N

Lon: 128° 42.19 W

Bottom

Lat: 53° 55.53 N

Lon: 128° 42.18 W

Finish

Lat: 53° 55.54 N

Lon: 128° 42.158 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILE REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG-4 Event #: 027 Vessel: RICKAR UTC Date (dd|mmm|yyyy): 07 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	818	SPM						
1		52	6-5	✓ 217		✓	✓		✓	✓✓						
2		53	200	✓ 199.6		✓			✓	✓✓						
3		54	100	✓ 100.2		✓			✓	✓✓						
4		55	40	✓ 39.9		✓✓			✓	✓✓						
5		56	0	✓ .65		✓			✓							
6		57	0	✓ .65						✓✓						
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
aw

Bottom Depth: _____ m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N
Time UTC Local
Start (BE) 17:36 :
Bottom (BO) 17:41 :
End (EN) 17:49 :

Positional Information
Start Lat: 53° 55.61 N
Lon: 128° 42.22 W
▼
Bottom Lat: 53° 55.61 N
Lon: 128° 42.21 W
▼
Finish Lat: 53° 55.60 N
Lon: 128° 42.20 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG-11 Event #: 035 Vessel: RICKER UTC Date (dd|mmm|yyyy): 07|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		58	6-5	✓	324.7	X					409	294						BIO WATER CAST
2		59	6-5	✓	"						"	295						
3		60	6-5	✓	"						"	296						
4		61	0	✓	0.74						"	297						
5		62	0	✓	0.74						"	298						
6		63	0	✓	0.74				✓✓		"	299						
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 332 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	<u>22:23</u>	:
Bottom (BO)	<u>22:29</u>	:
End (EN)	<u>22:30</u>	:

Positional Information

Lat:	<u>53°49.76</u>	N
Lon:	<u>128°49.35</u>	W

▼

Lat:	<u>53°49.77</u>	N
Lon:	<u>128°49.34</u>	W

▼

Lat:	<u>53°49.74</u>	N
Lon:	<u>128°49.38</u>	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILES REQUIRED.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG-11 Event #: 037 Vessel: RICKER UTC Date (dd|mmm|yyyy): 07|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	Turb	SPAR	Phyto					
1		64	D-5	✓ 319	✓	✓			✓	✓						105 water
2		65	200	✓ 199.7	✓	✓			✓	✓						cast
3		66	100	✓ 99.76	✓	✓			✓	✓						
4		67	40	✓ 39.76	✓	✓			✓	✓						
5		68	0	✓ .75	✓	✓			✓		✓					
6		69	0	✓ .75						✓						-duplicates instead of triplicates = short on bottles
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

68,
018
DOUG11
2016-02
Bot 5

not taken

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 322 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>23:13</u>	:
Bottom (BO)	<u>23:19</u>	:
End (EN)	<u>23:29</u>	:

Positional Information --
Start
Lat: 53° 49.81 N
Lon: 128° 49.37 W

Bottom
Lat: 53° 49.79 N
Lon: 128° 49.40 W

Finish
Lat: 53° 49.76 N
Lon: 128° 49.38 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02

Station: DOUBLE

Event #: 043

Vessel: RICKER

UTC Date (dd|mmm|yyyy): 08|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		70	b-5	✓ 379													
2		71	b-5	✓ "													
3		72	b-5	✓ "													
4		73	0	✓ 1.90													
5		74	0	✓ 1.90													
6		75	0	✓ 1.90													
7																	Chlorophylls did not get taken
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
 Ros (default) | TrMetIRos | X-Niskin
 Watchkeeper(s):
CW

Bottom Depth: 382 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	15:56	:
Bottom (BO)	16:03	:
End (EN)	16:10	:

Positional Information

Lat:	53° 46.75	N
Lon:	128° 54.54	W

Start

Bottom

Finish

Lat:	53° 46.76	N
Lon:	128° 54.54	W

Lat:	53° 46.76	N
Lon:	128° 54.57	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHG: BOT FILES REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: D045-16 Event #: 045 Vessel: RICKER UTC Date (dd|mmm|yyyy): 8|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	818	SR	ph					
1		76	0-5	✓ 384	✓	✓	✓	✓	✓	✓	✓					10S
2		77	200	✓ 199.9	✓	✓	✓	✓	✓	✓	✓					Cast
3		78	100	✓ 99.9	✓	✓	✓	✓	✓	✓	✓					
4		79	40	✓ 40	✓	✓	✓	✓	✓	✓	✓					
5		80	0	✓ 0.78	✓	✓	✓	✓	✓	✓	✓					
6		81	0	✓ 0.78						✓						
7																
8																
9																
10																
11																
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20																
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22																
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24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 390 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 16:50 :
Bottom (BO) 16:56 :
End (EN) 17:08 :

Positional Information
Start Lat: 53°46.81' N
Lon: 128°54.10' W
Bottom Lat: 53°46.83' N
Lon: 128°54.59' W
Finish Lat: 53°46.84' N
Lon: 128°54.59' W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
Seepage dump prior to cast but 1.6 knots of current

surface wire angle

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: FOCI Event #: 046 Vessel: RICKER UTC Date (dd|mmm|yyyy): 08|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a								
1		82	6-5	1368.7						409	308					Bio surface cast
2		83	6-5							11	309					
3		84	6-5							11	310					
4		85	6-5							11	311					
5		86	6-5							11	312					
6		87	6-5							11	313					
7																
8																
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10																
11																
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15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: _____ m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N
Time UTC Local
Start (BE) 17:54 :
Bottom (BO) 18:00 :
End (EN) 18:08 :

Positional Information
Start Lat: 53°44.07 N
Lon: 129°01.35 W
Bottom Lat: 53°44.076 N
Lon: 129°01.326 W
Finish Lat: 53°44.122 N
Lon: 129°01.224 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILES REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG-26 Event #: 649 Vessel: RICKER UTC Date (dd|mmm|yyyy): 08|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a								
1		88	6-5	✓ 393.9						409	315					
2		89	6-5	✓ "						"	316					
3		90	6-5	✓ "						"	317					
4		91	0	0.9						"	318					
5		92	0	0.9						"	319					
6		93	0	0.9					✓✓	"	320					
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
☒ Ros (default) ☐ TrMetlRos ☐ X-Niskin
Watchkeeper(s):

CW

Bottom Depth: _____ m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☒ Y / ☐ N

Time	UTC	Local
Start (BE)	20 : 18	:
Bottom (BO)	20 : 27	:
End (EN)	20 : 35	:

Positional Information
Start
Lat: 53 ° 40 . 48 N
Lon: 129 ° 7 . 378 W

Bottom
Lat: 53 ° 40 . 486 N
Lon: 129 ° 7 . 385 W

Finish
Lat: 53 ° 40 . 483 N
Lon: 129 ° 7 . 396 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CHE + BOT FILES REQUIRED

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: DOUG45 Event #: 057 Vessel: RICKER UTC Date (dd|mmm|yyyy): 09|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		100	b-5	✓ 455							409	322					BIO
2		101	b-5	✓ "							4	323					
3		102	b-5	✓ "							4	324					
4		103	0	✓ 1.0							"	325					
5		104	0	✓ 1.0							"	326					
6		105	0	✓ 1.0				✓			"	327					
7																	
8																	
9																	
10																	
11					BOTTLE 4 DID NOT FIRE												
12					→ will use bottle 6 from Vno.												
13					<u>105 Cost</u>												
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 461 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	01:41	:
Bottom (BO)	01:50	:
End (EN)	01:59	:

Positional Information
Start
Lat: 53° 22.35' N
Lon: 129° 11.75' W

Bottom
Lat: 53° 22.34' N
Lon: 129° 11.80' W

Finish
Lat: 53° 22.33' N
Lon: 129° 11.84' W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
sleet/snow/rain

CHE+BOT FILES REQUIRED-

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 201602 Station: DOUG 45 Event #: 059 Vessel: RICKER UTC Date (dd|mmm|yyyy): 09|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	618	SP1	phgto						
1		106	6-5	✓ 144.5	✓	✓	XXXX		✓	✓							105
2		107	200	✓ 199.9	✓	✓			✓	✓							
3		108	100	✓ 99.9	✓	✓			✓	✓							
4		109	40	✓ 39.8	✓	✓			✓	✓							
5		110	0	✓ 78	✓	✓			✓	✓	✓						
6		111	0	✓ 78								409	329				← give 4AS to BIO for previous bottle failure
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
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24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 455 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time UTC Local
Start (BE) 02:28 :
Bottom (BO) 02:36 :
End (EN) 02:48 :

Positional Information
Start
Lat: 53° 22' .30 N
Lon: 129° 11' .96 W

Bottom
Lat: 53° 22' .28 N
Lon: 129° 12' .02 W

Finish
Lat: 53° 22' .26 N
Lon: 129° 11' .08 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
deet/snow/rain

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: Doug 31 Event #: 055 Vessel: RICKER UTC Date (dd|mmm|yyyy): 08|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	818	SPM	Phytl							
1		94	10.5	✓ 273	✓	✓	X		✓	✓								
2		95	200	✓ 200	✓	✓			✓	✓								
3		96	100	✓ 100	✓	✓✓			✓	✓								
4		97	40	✓ 40	✓✓	✓			✓	✓								
5		98	10	✓ 10	✓	✓			✓	✓								
6		99	0	✓ 0.8	✓	✓			✓✓	✓	✓	✓						
7																		
8																		
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24																		

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 280 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	<u>23:18</u>	:
Bottom (BO)	<u>23:24</u>	:
End (EN)	<u>23:</u>	:

Positional Information

Lat:	<u>53° 36.53</u>	N
Lon:	<u>129° 12.83</u>	W

▼

Lat:	<u>53° 36.53</u>	N
Lon:	<u>129° 12.82</u>	W

▼

Lat:	<u>53° 36.</u>	N
Lon:	<u>129° 12.</u>	W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 201602 Station: KSK1 Event #: 061 Vessel: RICKER UTC Date (dd|mmm|yyyy): 9|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a							
1		112	0	✓1.0	X	X	X	X		409	330				
2		113	0	✓1.0						"	331				
3		114	0	✓1.0						"	332				
4		115	0	✓1.0						"	333				
5		116	0	✓1.0						"	334				
6		117	0	✓1.0					✓✓	"	335				
7															
8															
9															
10															
11															
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16															
17															
18															
19															
20															
21															
22															
23															
24															

Profile type:
Ros (default) | TrMetiRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: _____ m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) N
Time UTC Local
Start (BE) 15:14 :
Bottom (BO) 15:14 :
End (EN) 15:15 :

Positional Information
Start Lat: 53° 28' .267 N
Lon: 129° 12' .43 W
Bottom Lat: 53° 28' .27 N
Lon: 129° 12' .44 W
Finish Lat: 53° 28' .28 N
Lon: 129° 12' .44 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
2.5 degrees and SNOWING

BOTH CTD + CHER files required

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 201602 Station: KSK1 Event #: 063 Vessel: RICKER UTC Date (dd|mmm|yyyy): 09|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a									
1		118	50	✓ 50.5						409	336						
2		119	50	✓ "						"	337						
3		120	50	✓ "						"	338						
4		121	0	✓ 1						"	339						
5		122	0	✓ 1						"	340						
6		123	0	✓ 1						"	341						
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 384 m
Transmisso Cleaned: Y N
Fluorometer Cleaned: Y N
Time UTC Local
Start (BE) 15:59 :
Bottom (BO) 16:01 :
End (EN) 16:03 :

Positional Information
Start Lat: 53° 28.24' N
Lon: 129° 12.55' W
Bottom Lat: 53° 28.25' N
Lon: 129° 12.57' W
Finish Lat: 53° 28.26' N
Lon: 129° 12.58' W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

CTD + CHE

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016 02 Station: KSK1 Event #: 065 Vessel: RICKER UTC Date (dd|mmm|yyyy): 09 | 03 | 16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a										
1		124	200	✓ 200						409	342							
2		125	200	✓ 200						"	343							
3		126	200	✓ 200						"	344							
4		127	100	✓ 100.7						"	345							
5		128	100	✓ 100.7						"	346							
6		129	100	✓ 100.7						"	347							
7																		
8																		
9																		
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19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 385 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	17:49	:
Bottom (BO)	17:53	:
End (EN)	18:00	:

Positional Information

Start	Lat: 53° 28.30 N
	Lon: 129° 12.57 W
▼	
Bottom	Lat: 53° 28.32 N
	Lon: 129° 12.51 W
▼	
Finish	Lat: 53° 28.38 N
	Lon: 129° 12.67 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
snowing heavily

CTD+CHG

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2016-02 Station: KSK1 Event #: 066 Vessel: RICKER UTC Date (dd|mmm|yyyy): 09|03|16

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		130	6.5	✓ 37.8						409	348							
2		131	6.5	✓ "							349							
3		132	6.5	✓ "							350							
4		133	6.5	✓ "							351							
5		134	6.5	✓ "							352							
6		135	6.5	✓ "							353							
7																		
8																		
9																		
10																		
11																		
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16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
CW

Bottom Depth: 385 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	18:21	:
Bottom (BO)	18:28	:
End (EN)	18:36	:

Positional Information
Start
Lat: 53° 28' 27" N
Lon: 129° 12' 48" W

Bottom
Lat: 53° 28' 32" N
Lon: 129° 12' 51" W

Finish
Lat: 53° 28' 40" N
Lon: 129° 12' 53" W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)
Snowing heavily

CTD+CHL