

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: NSOG Event #: 0 Test Vessel: Falkor UTC Date (dd|mmm|yyyy): 17 | Aug | 2013

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		0	100	100.6	X	X	X	X							FKG09A/CTD 001-20130818
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															

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

Est 400m.

Bottom Depth: 402. m
Transmissio Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	:	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Lat:	°	.	N
Lon:	°	.	W

Start

Lat:	°	.	N
Lon:	°	.	W

Bottom

Lat:	°	.	N
Lon:	°	.	W

Finish

Lat:	°	.	N
Lon:	°	.	W

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

TEST

Falkor

2013-57

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: JF64a

Event #: 1

Vessel: Falkor

UTC Date (dd|mmm|yyyy): 19 | 8 | 2013

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		1	6-5	✓ 247														
2		2	6-25	✓ 227														
3		3	200	✓ 200				X										Practice Carbon
4		4	175	✓ 175	X													
5		5	150	✓ 150														
6		6	125	✓ 125														
7		7	100	✓ 100														
8		8	70	✓ 70		X												
9		9	60	✓ 60														
10		10	50	✓ 50														
11		11	30	✓ 30														
12		12	10	✓ 10														
13		13	5	✓ 5														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

EST 256m

Bottom Depth: 254 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	17:17	:
Bottom (BO)	17:27	:
End (EN)	17:55	:

Positional Information
 Lat: 40° 29.178 N
 Lon: 124° 41.111 W

Start

Lat: 40° 29.159 N
 Lon: 124° 41.117 W

Bottom

Lat: 40° 29.183 N
 Lon: 124° 40.986 W

Finish

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

Water Properties Group

Sampling/Rosette Log

PRINTED

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: LB08 Event #: 2 Vessel: Falkor UTC Date (dd|mmm|yyyy): 19 | 8 | 2013

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		14	Bot-5	130														7120 bottom	
2		15	Bot-25	110														boundary layer -	
3		16	100	100														transmiss in	
4		17	40	70														turbid layer	
5		18	60	60	X													90m change in	
6		19	50	50														var trans, DO2	
7		20	30	30		X												subsurface T, DO2,	
8		21	10	10														min sal ~10m.	
9		22	5	5															
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SM/SW

EST 145m

Bottom Depth: 143 m

Transmissio Cleaned: 0 / N

Fluorometer Cleaned: 0 / N

Time	UTC	Local
Start (BE)	21:05	:
Bottom (BO)	21:10	:
End (EN)	21:20	:

Positional Information

Start

Lat: 48° 25.294 N

Lon: 125° 28.623 W

Bottom

Lat: 48° 25.297 N

Lon: 125° 28.619 W

Finish

Lat: 48° 25.297 N

Lon: 125° 28.580 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: 2013-57 Station: BCCP Event #: 3 Vessel: Falkor UTC Date (dd|mmm|yyyy): 19 | Aug | 2013

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		23	bot-5	110															
2		24	bot-25	91		X													
3		25	70	71	X														
4		26	50	51															
5		27	30	32															
6		28	20	22															
7		29	5	5															
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):
 Susan Allen
 Steve Michalek
 Briana & Karen

Est: 115m

Bottom Depth: 117m m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:59	:
Bottom (BO)	23:07	:
End (EN)	23:23	:

Positional Information

Lat:	48° 27.19	N
Lon:	125° 47.77	W

Start

▼

Lat:	48° 27.20	N
Lon:	125° 47.78	W

Bottom

▼

Lat:	48° 27.20	N
Lon:	125° 47.77	W

Finish

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

22. 55 16 00 30 00 45
 12 25 46 30

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: Station: BCC2 Event #: 5 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | Aug | 2013

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									
1		30	bot-5	166			X											
2		31	bot-25	147			X											
3		32	125	125			X											
4		33	100	99		X												
5		34	70	71														
6		35	50	51				X										
7		36	30	30	X													
8		37	20	21														
9		38	5	5														
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
Susan, Steve, Karen
Chris, Emma

Est 172 m
Bottom Depth: 173 m
Transmisso Cleaned: (Y) N
Fluorometer Cleaned: (Y) N

Time	UTC	Local
Start (BE)	00:49	:
Bottom (BO)	00:52	:
End (EN)	01:10	:

Positional Information
Start
Lat: 48° 24.36 N
Lon: 125° 53.58 W

Bottom
Lat: 48° 24.36 N
Lon: 125° 53.58 W

Finish
Lat: 48° 24.36 N
Lon: 125° 53.58 W

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

61 52 30 31 45 45 01 29 10
22

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: BCC3 Event #: 6 Vessel: Folkor UTC Date (dd|mmm|yyyy): 20 | Aug | 2013

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										
1	1	39	bot-5	597				X										
2	2	40	bot-25	571		X		X										
3	3	41	500	501				X										
4	4	42	400	400				X										
5	5	43	300	300				X										
6	6	44	200	200			X	X										
7	7	45	175	175			X											
8	8	46	150	151			X	XX										
9	9	47	100	101	X			X										
10	10	48	50	53				X										
11	11	49	30	31														
12	12	50	20	21														
13	13	51	5	6														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Est 630m

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

Time	UTC	Local
Start (BE)	01 : 53	:
Bottom (BO)	01 : 08	:
End (EN)	02 : 45	:

Positional Information

Lat:	40 ° 22.502	N
Lon:	125 ° 56.250	W

Start

▼

Lat:	40 ° 22.493	N
Lon:	125 ° 56.251	W

Bottom

▼

Lat:	40 ° 22.50	N
Lon:	125 ° 56.24	W

Finish

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: 2013-57 Station: BCC5 Event #: 8 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | Aug | 2013

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		52	bot-5	1006	X													
2		53	bot-25	987		X												only 20s soak
3		54	800	800		X												
4		55	700	700														
5		56	600	600														
6		57	500	501														
7		58	400	400														
8		59	300	301														
9		60	200	200														
10		61	150	150														
11		62	100	101														
12		63	70	71														
13		64	50	50	X													
14		65	30	30														
15		66	20	21														
16		67	5	5														
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
Susan, Steve M, Karen
Briana, Emma & Chris

Est 1012 m

Bottom Depth: 1020 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	05:05	:
Bottom (BO)	05:25	:
End (EN)	06:25	:

Positional Information

Start

Lat: ° . N

Lon: ° . W

Bottom

Lat: 48 ° 18.33 N

Lon: 126 ° 03.35 W

Finish

Lat: 48 ° 18.37 N

Lon: 126 ° 03.35 W

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

35 00 30 05 40 30 25 10 25 30 15 00 40 20 30 35 20 40 50.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: BCC7 Event #: 10 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | Aug | 2013

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	OC									
1		68	bot-5	/	1587				X									
2		69	bot-25	/	1568													
3		70	1500	/	1499				X									
4		71	1000	/	1000				X									
5		72	800	/	800				X									
6		73	700	/	700				X									
7		74	600	/	600				X									
8		75	500	/	501				X									
9		76	400	/	400				X									
10		77	300	/	300				X									
11		78	250	/	247													
12		79	200	/	200		X		XX									
13		80	175	/	177													
14		81	150	/	150				X									
15		82	125	/	125													
16		83	100	/	100		X											
17		84	70	/	70													
18		85	60	/	60													
19		86	50	/	50													
20		87	30	/	30	X												
21		88	20	/	20	X												
22		89	10	/	10													Didn't fire
23		90	5	/	5													
24																		

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s): Susan, Steven, Kara, Emma, Chris, Brana

Est 1620m
 Bottom Depth: 1601 m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>09:04</u>	:
Bottom (BO)	<u>09:46</u>	:
End (EN)	<u>11:00</u>	:

Positional Information

Lat:	<u>48° 13.96</u>	N
Lon:	<u>126° 11.50</u>	W

Start

Lat:	<u>48° 13.99</u>	N
Lon:	<u>126° 11.56</u>	W

Bottom

Lat:	<u>48° 14.039</u>	N
Lon:	<u>126° 11.781</u>	W

Finish

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

3450 05 10

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: LC12 Event #: 11 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | 8 | 2013

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		91	bot-5	2515				X										
2		92	bot-10	2511		X												
3		93	2000	2001			X	X										90sec
4		94	1500	1500			X	X										90sec
5		95	1000	1001				X										
6		96	800	800				X										
7		97	700	700				X										↓ for
8		98	600	595			X	XX										salts only
9		99	500	500				X										otherwise
10		100	400	400				X										30sec wait
11		101	300	300			X	X										
12		102	200	200		X	X	X										
13		103	150	150			X	X										
14		104	100	100														
15		105	70	70	X													
16		106	50	50														
17		107	20	31														
18		108	20	20	X													
19		109	5	5														
20																		
21																		
22																		
23																		
24																		

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SR / JK

2464m
 Bottom Depth: 2528 m
 Transmissio Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	14:10	:
Bottom (BO)	15:11	:
End (EN)	16:44	:

Positional Information

Lat:	48° 14.973	N
Lon:	126° 39.901	W

▼

Lat:	48° 15.025	N
Lon:	126° 40.883	W

▼

Lat:	°	N
Lon:	°	W

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

WATT 90s on SAL bottles, please / SA

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 203-57 Station: LC11 Event #: 12 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | 8 | 2013

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		110	bot-5	✓ 1460	X														
2		111	bot-25	✓ 1442															
3		112	1000	✓ 997															
4		113	800	✓ 800		X													
5		114	700	✓ 698															
6		115	600	✓ 600															
7		116	500	✓ 500															
8		117	400	✓ 400															
9		118	300	✓ 302															
10		119	200	✓ 200															
11		120	150	✓ 151															
12		121	100	✓ 100															
13		122	70	✓ 71	X														
14		123	50	✓ 50															
15		124	30	✓ 30															
16		125	20	✓ 20		X													
17		126	5	✓ 5															
18																			
19																			
20																			
21																			
22																			
23																			
24																			

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

SR

Est 1330m
Bottom Depth: 1460 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18:25	:
Bottom (BO)	19:03	:
End (EN)	20:10	:

Positional Information
Start
Lat: 43° 18.932 N
Lon: 126° 26.632 W

Bottom
Lat: 43° 18.966 N
Lon: 126° 26.679 W

Finish
Lat: 43° 18.960 N
Lon: 126° 26.694 W

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

Water Properties Group

Sampling/Rosette Log

Cruise ID: 2013-57 Station: LC09 Event #: 14 Vessel: Falkor UTC Date (dd|mmm|yyyy): 20 | Aug | 2013

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	Chl b	Chl c	Chl d	Chl e	Chl f	Chl g	Chl h	Chl i	Chl j	
1		127	bot-5	607		X		XX										
2		128	bot-25	590				X										
3		129	500	500				X										
4		130	400	400				X										
5		131	300	302				X										
6		132	200	202			X	X										
7		133	175	175			X											
8		134	150	150			X	X										
9		135	100	101	X			X										
10		136	50	50				X										
11		137	30	31														
12		138	20	20														
13		139	5	5														
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s): Susan
Steven, Karen, Emma
Chris, Bruna

Est 611m

Bottom Depth: 611 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	22:48	:
Bottom (BO)	:	:
End (EN)	23:41	:

Positional Information

Lat:	40° 25.	N
Lon:	126° 13.	W

▼

Lat:	40° 25.83	N
Lon:	126° 13.67	W

▼

Lat:	40° 25.26	N
Lon:	126° 13.70	W

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

36 16 13 26.00 40 04 18 30 35 32 05 40
46.43 50 10 34 48 05. 35

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: Lc08 Event #: 15 Vessel: Falkor UTC Date (dd|mmm|yyyy): 21 | Aug | 2013

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		140	bot-5	195			X											
2		141	bot-25	176			X											
3		142	150	150		X	X											
4		143	125	126														
5		144	100	100														
6		145	70	71														
7		146	50	51	X			X										
8		147	30	31														
9		148	20	20														
10		149	5	5														
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):
WZ - Susc

Est 203m

Bottom Depth: 200 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00:45	:
Bottom (BO)	00:51	:
End (EN)	01:17	:

Positional Information

Lat: 48° 29.36 N

Lon: 126° 07.19 W

▼

Lat: 48° 29.38 N

Lon: 126° 07.21 W

▼

Lat: 48° 29.20 N

Lon: 126° 07.44 W

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

60 42 55 40 35 50 17 50 40
120 25 35 20 47 20 10

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: LC06

Event #: 17

Vessel: Falkor

UTC Date (dd|mmm|yyyy): 21 | Aug | 2013

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		150	bot 5	87														
2		151	Bot 25	70														
3		152	70	50														
4		153	50	40		X												
5		154	30	31														
6		155	20	20														
7		156	5	5	X													
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):
WZ - SUS

Est 131m
 Bottom Depth: 128 m
 Transmisso Cleaned: Ø / N
 Fluorometer Cleaned: Ø / N

Time	UTC	Local
Start (BE)	<u>02:15</u>	:
Bottom (BO)	<u>02:24</u>	:
End (EN)	<u>03:29</u>	:

Positional Information

Lat:	<u>4° 32.96</u>	N
Lon:	<u>126° 00.46</u>	W

▼

Lat:	<u>4° 32.98</u>	N
Lon:	<u>126° 00.43</u>	W

▼

Lat:	<u>4° 32.97</u>	N
Lon:	<u>126° 00.50</u>	W

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

CS90355
 Tran M180111
 20 55 23 45 55 36
 50 25 25 06

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Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: RD01 Event #: 18 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		157	near bottom	423		X												
2		158	S=33.97	223														200m 33.97
3		159	intercept S=33.5	110														110m 33.8
4		160	70	71	X													33.2
5																		
6																		
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):
WZ-SUSC

Bottom Depth: 620 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	00:31	:
Bottom (BO)	00:4	:
End (EN)	03:13	:

Positional Information

Start

Lat: 40° 00' .28 N

Lon: 125° 21' .82 W

Bottom

Lat: 40° 00' .29 N

Lon: 125° 21' .84 W

Finish

Lat: 40° 00' .28 N

Lon: 125° 21' .85 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: 2013-57 Station: R002 Event #: 19 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		161	near bottom		340													Bot. 240 m 33.97 33.8 70 m
2		162			247													
3		163			143	X												
4		164			70		X											
5																		
6																		
7																		
8																		
9																		
10																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetRos | X-Niskin
Watchkeeper(s):
W2-Suz

Bottom Depth: 337 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time

UTC

Local

Start (BE) 02:28 :

Bottom (BO) 02:39 :

End (EN) 02:53 :

Positional Information
Start
Lat: 40° 06.54 N
Lon: 125° 15.12 W

Bottom
Lat: 43° 06.54 N
Lon: 125° 15.13 W

Finish
Lat: 43° 06.55 N
Lon: 125° 15.13 W

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

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Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: M807 Event #: 20 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		1105	bot-5		159m	X											0.5 ml 11
2		1106			113m												start of inc from bot
3		1107	710		71		X										low O2
4		1108			36												on the climb
5																	
6																	
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):
WZ - Susan

Bottom Depth: 162 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	07:09	:
Bottom (BO)	:	:
End (EN)	07:26	:

Positional Information

Start

Lat: 48° 20.22 N

Lon: 125° 19.49 W

Bottom

Lat: 48° 20.22 N

Lon: 125° 19.46 W

Finish

Lat: 48° 20.30 N

Lon: 125° 19.47 W

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

50 30 35 08 58
05 28

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: MBO8 Event #: 21 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

[illegible]

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

Watchkeeper(s):
SP

Bottom Depth: <u>152</u> m		
Transmisso Cleaned: <u>(X)</u> / N		
Fluorometer Cleaned: <u>(Y)</u> / N		
<i>Time</i>	<i>UTC</i>	<i>Local</i>
Start (BE)	15:15	:
Bottom (BO)	15:22	:
End (EN)	15:36	:

Positional Information	
Lat:	43° 32.209 N
Lon:	128° 21.397 W
▼	
Lat:	43° 32.168 N
Lon:	128° 21.391 W
▼	
Lat:	43° 32.198 N
Lon:	128° 21.399 W

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

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Water Properties Group

Sampling/Rosette Log

Cruise ID: 2013-57

Station: MB14

Event #: 22

Vessel: Falkor

UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		173	bot-5	/	175	X												
2		174	100	/	100		X											
3		175	20	/	20													
4		176	30	/	30													
5																		
6																		
7																		
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21																		
22																		
23																		
24																		

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

Watchkeeper(s):
SP / SW

Bottom Depth: 182 m

Transmisso Cleaned: (Y) / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	16:59	:
Bottom (BO)	17:06	:
End (EN)	:	:

Positional Information

Start

Lat: 48° 39.922 N

Lon: 125° 34.443 W

▼

Bottom

Lat: 48° 39.996 N

Lon: 125° 34.436 W

▼

Finish

Lat: 48° . N

Lon: . W

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

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Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013 Station: MB 16 Event #: 23 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		177	bot 5	/	94		2											
2		178	75	/	75													
3		179	60	/	59	2												
4		180	35	/	34													
5																		
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22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SH/SW

Bottom Depth: 106 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 20:05 :
Bottom (BO) 20:09 :
End (EN) 20:20 :

Positional Information
Start Lat: 48° 47.947 N
Lon: 125° 15.927 W
Bottom Lat: 48° 47.942 N
Lon: 125° 15.891 W
Finish Lat: 48° 47.911 N
Lon: 125° 15.863 W

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

35, 70, 7

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013 Station: RAD08 Event #: 24 Vessel: Falkor UTC Date (dd|mmm|yyyy): 22 | Aug | 2013

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		181	b-3	/ 230	x													
2																		
3																		
4																		
5																		
6																		
7																		
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20																		
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22																		
23																		
24																		

Profile type:
 Ros (default) | TrMetlRos | X-Niskin
 Watchkeeper(s):
SL/SW

Bottom Depth: 234 m
 Transmisso Cleaned: (Y) / N
 Fluorometer Cleaned: (Y) / N
 Time UTC Local
 Start (BE) 17:42 :
 Bottom (BO) 17:50 :
 End (EN) 17:57 :

Positional Information
 Start
 Lat: 48° 39' .600 N
 Lon: 125° 35' .908 W
 ▼
 Bottom
 Lat: 48° 39' .609 N
 Lon: 125° 35' .916 W
 ▼
 Finish
 Lat: 48° 39' .609 N
 Lon: 125° 35' .902 W

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

missed samples 182-184

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 82013-57 Station: LC05a Event #: 25 Vessel: Falkor UTC Date (dd|mmm|yyyy): 23 | Aug | 2013

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		185	207	bot-5														
2		186	160	160	X													160.
3		187	100	100														100
4		188	70	67		X												
5																		
6																		
7																		
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23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
W2 & Sus

Bottom Depth: 206 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>01:39</u>	:
Bottom (BO)	<u>01:45</u>	:
End (EN)	<u>02:01</u>	:

Positional Information

Lat:	<u>43° 43.59</u>	N
Lon:	<u>125° 42.75</u>	W

Start

▼

Lat:	<u>43° 43.59</u>	N
Lon:	<u>125° 42.77</u>	W

Bottom

▼

Lat:	<u>43° 43.58</u>	N
Lon:	<u>125° 42.74</u>	W

Finish

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

52 35 05 02
22 05 35 32