

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: HCO8 Event #: 26 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		189	bot-5	193	X													
2		190	156	150														
3		191	100	92		X												{ semi-low O2
4		192	70	73														
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-Susan

Bottom Depth: 199 m
Transmisso Cleaned: (D) / N
Fluorometer Cleaned: (D) / N
Time UTC Local
Start (BE) 05:06 :
Bottom (BO) 05:12 :
End (EN) 05:26 :

Positional Information
Start Lat: 48° 29.41 N
Lon: 126° 07.09 W
Bottom Lat: 48° 29.42 N
Lon: 126° 07.06 W
Finish Lat: 48° 29.42 N
Lon: 126° 07.00 W

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

30. 15 10 34 49
04 19

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: R004 Event #: 27 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		193	6-5	347																
2		194	6-30	320																
3		195	250	250	*	X														
4		196	200	201																
5		197	175	175																
6		198	150	150																
7		199	125	125																
8		200	100	101																
9		201	70	71																
10		202	60	60	X	X														
11		203	50	50																
12		204	30	30																
13		205	20	20																
14		206	5	5																
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				

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

Bottom Depth: 334 m
 Transmissometer Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	19:59	:
Bottom (BO)	20:11	:
End (EN)	20:46	:

Positional Information

Lat:	43° 14.665	N
Lon:	125° 01.219	W

▼

Lat:	43° 14.685	N
Lon:	125° 01.264	W

▼

Lat:	43° 14.676	N
Lon:	125° 01.303	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 #: 28 Vessel: Falkor UTC Date (dd|mmm|yyyy): 24|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		207	bot-5	328				X										
2		208	bot-25	307		X		XX										
3		209	250	245														
4		210	200	210				X										
5		211	150	150														
6		212	125	127														
7		213	100	101	X			X										
8		214	70	64				X										
9		215	50	50				X										
10		216	30	31														
11		217	20	21														
12		218	5	6														
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
W2F Susan

329m
Bottom Depth: 333 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	06:21	:
Bottom (BO)	06:36	:
End (EN)	07:01	:

Positional Information
Start
Lat: 48° 06.58 N
Lon: 125° 15.04 W

Bottom
Lat: 48° 07.00 N
Lon: 125° 15.00 W

Finish
Lat: 48° 06.57 N
Lon: 125° 15.00 W

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

10 10 12 50 25 33 02 45 35 01 31 37
40 46 42 20 55 03 32 15 05 31 01 07

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: MB16 Event #: 32 Vessel: Falkor UTC Date (dd|mmm|yyyy): 26 | Aug | 2013

PRINTED

depth - 25

108
25
83

7

watch for water mass changes - close different from bot-25 + 50

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 DIC										
1		bot-5	219	/ 105				X										
2		85	220	/ 84				X										
3		70	221	/ 70														
4		50	222	/ 50	X			XX										
5		30	223	/ 30				X										
6		20	224	/ 20				X										
7		10	225	/ 10														
8		5	226	/ 5		X		X										
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):
 SN

Est 106m
 Bottom Depth: 107 m
 Transmissio Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time UTC Local
 Start (BE) 16:29 :
 Bottom (BO) 16:37 :
 End (EN) 16:55 :

48 42.585
 125 15.923
 Positional Information
 Start Lat: 48.7932 N
 Lon: 125.2654 W

Bottom Lat: 48° 47.507 N
 Lon: 125° 15.954 W

Finish Lat: 48° 47.605 N
 Lon: 125° 15.862 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: SUSAN 01

Event #: 33

Vessel: Falkor

UTC Date (dd|mmm|yyyy): 26 | 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		227	bot-5	/	191			X										
2		228	bot-5	/	172			X										
3		229	150	/	150			X										
4		230	125	/	125													
5		231	100	/	100			X										
6		232	70	/	72	X		X										
7		233	60	/	60		X											
8		234	50	/	51			XX										
9		235	30	/	30			X										
10		236	20	/	20													
11		237	10	/	11													
12		238	5	/	5													
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 200m m

Transmissio Cleaned: (Y) / N

Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	<u>21:47</u>	:
Bottom (BO)	<u>21:53</u>	:
End (EN)	<u>22:20</u>	:

Positional Information

Start	Lat: <u>48° 39.361</u>	N
	Lon: <u>125° 34.564</u>	W

Bottom

	Lat: <u>48° 39.360</u>	N
	Lon: <u>125° 34.690</u>	W

Finish

	Lat: <u>48° 39.477</u>	N
	Lon: <u>125° 34.507</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: 2013-57 Station: MBS7 Event #: 34 Vessel: Falkor UTC Date (dd|mmm|yyyy): 26 | 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		239	bot-5	152				X										
2		240	bot-25	132				XX										
3		241	100	102				X										
4		242	70	74	X			X										
5		243	60	61														
6		244	50	51				X										
7		245	30	30				X										
8		246	20	20				X										
9		247	10	10			X											
10		248	5	5		X	(X)	X										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Est 164m

Bottom Depth: 162 m

Transmissio Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time UTC Local

Start (BE) 00:15 :

Bottom (BO) 00:27 :

End (EN) : :

Positional Information

Lat: 43° 23.31 N

Lon: 125° 19.44 W

▼

Lat: 43° 23.31 N

Lon: 125° 19.50 W

▼

Lat: ° . N

Lon: ° . W

Finish

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

20 48 22 52 34 28 45 02 37
 18 24

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: NW01 Event #: 35 Vessel: Fathor UTC Date (dd|mmm|yyyy): 27 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		249	bot-5	/	133			X										
2		250	bot-25	/	120			X										
3		251	100	/	100		X	X										
4		252	70	/	70			X										
5		253	60	/	60			X										
6		254	50	/	50	X		X										
7		255	30	/	30			XX										
8		256	20	/	20													
9		257	5	/	5													
10																		
11																		
12																		
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17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
21/5K

Bottom Depth: 140 m
Transmisso Cleaned: 60 N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	17:20	:
Bottom (BO)	17:27	:
End (EN)	17:46	:

Positional Information
Start
Lat: 48° 20.224 N
Lon: 125° 32.203 W

Bottom
Lat: 48° 20.235 N
Lon: 125° 32.198 W

Finish
Lat: 48° 20.209 N
Lon: 125° 32.202 W

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

* 100 ul stopper cap came off HgCl2 & entire "pusher" worth of chemical was added

Water Properties Group

Sampling/Rosette Log

printed
Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: NN02 Event #: 36 Vessel: Fathor UTC Date (dd|mmm|yyyy): 27 | 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		258	bot-5	/	129			X										
2		259	bot-25	/	103	X		X										
3		260	100	/	100			X										
4		261	70	/	70			X										
5		262	60	/	60			X										
6		263	50	/	50			XX										
7		264	30	/	30		X	X										
8		265	80	/	20													
9		266	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):
SP/SA
u 135m

Bottom Depth: 134 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: (Y) / N

Time	UTC	Local
Start (BE)	<u>18:57</u>	:
Bottom (BO)	<u>19:06</u>	:
End (EN)	<u>19:24</u>	:

Positional Information

Lat:	<u>48° 21.33</u>	N
Lon:	<u>125° 27.79</u>	W

▼

Lat:	<u>48° 21.291</u>	N
Lon:	<u>125° 27.823</u>	W

▼

Lat:	<u>48° 21.297</u>	N
Lon:	<u>125° 27.767</u>	W

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

*100 ul stopper cap came off HgCl₂ & entire "pusher" worth of chemical was added

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: NND3 Event #: 37 Vessel: FAIKOR UTC Date (dd|mmm|yyyy): 27 | 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		267	105	✓ 113				X										
2		268	85	✓ 82	X			X										
3		269	70	✓ 68		X		X										
4		270	60	✓ 60				X										
5		271	50	✓ 50				X										
6		272	30	✓ 30				XX										
7		273	20	✓ 20				X										
8		274	5	✓ 5														
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):
SA/SA

Bottom Depth: 120 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20:16	:
Bottom (BO)	20:23	:
End (EN)	20:39	:

Positional Information

Start

Lat: 48° 21.127 N

Lon: 125° 18.881 W

Bottom

Lat: 48° 21.134 N

Lon: 125° 18.828 W

Finish

Lat: 48° 21.130 N

Lon: 125° 18.855 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: TC01 Station: 2013-57 Event #: 38 Vessel: Falkor UTC Date (dd|mmm|yyyy): 27|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									
				✓				DC									
1		275	101.5	202	X			X									
2		276	117.5	172				X									
3		277	150	150				X									
4		278	125	125				X									
5		279	90	91				X									
6		280	75	73				X									
7		281	60	60				X									
8		282	50	50		X		XX									
9		283	30	31				X									
10		284	20	20													
11		285	5	6													
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

est 200m
Bottom Depth: 215 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

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

Positional Information

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)

07 02 14 45. 42. 54 24 52 15 42 (15) 48.
44 15.

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: RD05 Event #: 39 Vessel: Falkor UTC Date (dd|mmm|yyyy): 30 | 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		287	bot-5	/	310				X									
2		288	bot-25	/	287				X									
3		289	250	/	250				X X									
4		290	200	/	200		X		X									
5		291	175	/	176													
6		292	150	/	150				X									
7		293	125	/	125													
8		294	100	/	100				X									
9		295	70	/	70				X									
10		296	60	/	60	X												
11		297	50	/	50				X									
12		298	30	/	30				X									
13		299	20	/	20													
14		300	5	/	5				X									
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Watchkeeper(s):

SK

est 320m

Bottom Depth: 310 m

Transmisso Cleaned: ☒ N

Fluorometer Cleaned: ☒ N

Time	UTC	Local
Start (BE)	19:44	:
Bottom (BO)	19:55	:
End (EN)	20:25	:

Positional Information

Start

Lat: 40° 25.224 N

Lon: 124° 50.077 W

Bottom

Lat: 40° 25.224 N

Lon: 124° 50.077 W

Finish

Lat: 40° 25.249 N

Lon: 124° 50.012 W

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