

Institute of Ocean Sciences, Ocean Sciences Division

UTC Date (dd|mm|yyyy): 17 | Aug | 2013

17 | Aug | 2013

Profile type:	Ros (default) PT-Mat Ros X-Niskin
Watchkeeper(s):	

Est 400m.

Bottom Depth: 402 m

Transmissoo Cleaned: ☒ Y ☐ N

Fluorometer Cleaned: Y / N

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

Lat: N

Lon: . W

▶

Lat:	°	'	N
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Lon: W

③

Lat:	°
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Lon: W

Extra comments: (e.g., DMS cast, PAR on,

Heavy Rain, Niskins out of order, etc)

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Collection: WaterProperties.ca/standards

Version: 14 February 2013 Transmissometer and Fluorometer are to be cleaned before each cast -- do not use Ammonia products

Standards for Sample Collection: [WaterProperties.ca/standards](http://waterproperties.ca/standards)

101

2013-57

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: LBOB Event #: 2 Vessel: FALKOR UTC Date (dd/mm/yyyy): 19/8/2013

Bottles & Samples Niskin #	Firing #	Sample #	Rosette Target Pressure	Operation Confirmed Pressure	Samples Taken (↓ write samplers' initials under each sample type)	Oxy	Nut	Sal	Chl a	Comments
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1		14	Bot-5	✓ 130						7120 bottom
2		15	Bot-25	✓ 110						boundary layer -
3		16	100	✓ 100						transmits in
4		17	40	✓ 70						turbid layer
5		18	60	✓ 60	X					from change in
6		19	50	✓ 50						var trans. bot
7		20	30	✓ 30	X					subsurface T, DO, var sal ~ 10m
8		21	10	✓ 10						
9		22	5	✓ 5						
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Profile Type: Ros (default) | Trimet/Ros | X-Niskin Watchkeeper(s):

SA/SU

EST 145m

Bottom Depth: 143 m

Transmisso Cleaned: 0/1 N

Fluorometer Cleaned: 0/1 N

Time UTC Local

Start (BE) 21:05 :

Bottom (BO) 21:10 :

End (EN) 21:28 :

Positional Information

Start Lat: 43° 25' 24" N

Lon: 125° 28' 623" W

Bottom Lat: 43° 25' 297" N

Lon: 125° 28' 615" W

Finish Lat: 43° 25' 257" N

Lon: 125° 28' 530" 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 #: 8
Vessel: Falkor UTC Date (dd|mm|yyyy): 19 | Aug | 2013

[illegible]

Profile type:	Ros (default)	TrMetRos	X-Niskin
Watchkeepers:	Susan Allen Steve H. Indry Zhang & Karen		

EOL: 115m

Bottom Depth: 117m m

Transmissio Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
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Start (BE)	2255	:
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Bottom (BO)	23:07	:
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End (EN)	23	:	23
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Positional Information

Lat: 40° 27' 15"

Lon: 125° 47.77 W

▶

Lat: 48° 27.20

Lon: 125° 47.78 W

▶

Lat: 43° 27.20

Lon: 125° 47.77' W

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

[illegible]

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID:

Station: PCC2Event #: 2

Vessel: Falkor

UTC Date (dd|mm|yyyy): 20 | Aug | 2013

Profile type:

Ros (default):	TrMet:Ros	X-NisKin
Watchkeeper(s):		

Medicine

Chris, Emma.

Chris, Emma.

1723

Bottom Depth: 173 m

Transmisso Cleaned: ☒ Y / ☐ N

Fluorometer Cleaned: Y N

Time	UTC	Local
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Start (BE)	00:47	:
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Bottom (BO)	00.52	:
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End (EN)	01 f o	:
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Positional Information

Lat: 40° 24.36'

Lon: 125° 38.550 W

▶

Lat: 48° 24.36

Lon: 125° 53.58'

▶

Lat: 48° 24.36

Lon: 125° 53.26

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

Version: 14 February 2013

Transmittasometer and Fluorometer are to be cleaned before each cast -- do not use Ammonia products

Standards for Sample Collection: WaterProperties.ca/standards

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Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013/57

Station: RCC3

Event #: 6

Vessel: FOLKOR

UTC Date (dd/mm/yyyy): 20 1 Aug 2013

Bottles & Samples Niskin #	Firing #	Sample #	Rosette Operation Target Pressure	Operation Confirmed Pressure	Samples Taken (↓ write samplers' initials under each sample type)	Oxy	Nut	Sal	-Ome -D/C	Comments
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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	
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) / MetRos / 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) 01:09 :

End (EN) 02:45 :

Positional Information

Start Lat: 48° 22.502 N

Lon: 125° 36.250 W

Bottom Lat: 48° 22.493 N

Lon: 125° 36.251 W

Finish Lat: 48° 22.50 N

Lon: 125° 36.24 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: LC12 Event #: 11 Vessel: Falkor UTC Date (dd/mm/yyyy): 20 08 2013

Bottles & Samples Niskin #	Firing #	Sample #	Rosette Operation Target Pressure	Confirmed Pressure	Samples Taken (↓ write samplers' initials under each sample type)	Oxy	Nut	Sal	Chlorophyll	Comments
1		91	bot-5	2515					X	
2		92	bot-10	2511		X				
3		93	2000	2001			X	X		70sec
4		94	1500	1503			X	X		90sec
5		95	1000	1001				X		
6		96	800	800				X		
7		97	700	700				X		↓ for subs only
8		98	600	595			X	XX		otherwise
9		99	500	500				X		30sec wait
10		100	400	400				X		
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) | Trim/Ros | X-Niskin Watchkeeper(s):

SA/3K

Bottom Depth: 2520 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time UTC Local

Start (BE) 14:10 :

Bottom (BO) 15:11 :

End (EN) 16:44 :

Positional Information

Start Lat: 48° 14' .933 N

Lon: 126° 39' .901 W

Bottom Lat: 48° 15' .025 N

Lon: 126° 40' .883 W

Finish Lat: ° . ° N

Lon: ° . ° W

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

WAT 905 on SAL bottles, please/see

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: LC11

Event #: 12

Vessel: Falkon

UTC Date (dd|mmm|yyyy): 20 | 8 | 2013

Bottles & Samples

Niskin

Firing

Sample

Rosette Operation	
Target Pressure	Confirmed Pressure
✓	Pressure

Oxy

Nut

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Example	
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Profile type

Ros (default) | TrMetRos | X-Niskin

Watchkeeper(s)

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Bottom Depth: 1460 m

Transmisso Cleaned: ☒ Y / N

Fluorometer Cleaned: 09 / 11

Time	UTC	Local
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Start (BE)	18:25	:
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Bottom (BO)	19 : 00	:
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End (EN)	20:15	:
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Positional Information

Lat: 43° 18.932

Lon: 126 26.652



Lat: 49° 18' 966

Lon: 126° 26.675

▲

Lat: 43° 18.560

Lon: 126° 26.634

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

Cruise ID: 2013-57

Station: L002

Event #: 15

Vessel: Falkor

UTC Date (dd/mm/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	Salt	Gata	DIC	

1		140	104.5	19.5			X			
2		141	104.35	17.6			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										
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21										
22										
23										
24										

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

W2-Jus

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: 4° 29.36' N

Lon: 126° 07.19' W

Bottom

Lat: 4° 29.38' N

Lon: 126° 07.21' W

Finish

Lat: 4° 29.20' N

Lon: 126° 07.44' W

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

Version: 14 February 2013

Transmissometer and Fluorometer are to be cleaned before each cast - do not use Ammonia products

Standards for Sample Collection: WaterProperties.ca/standards

60 42 55 40 35 50 17 50 50 40
12 28 35 20 44 20 10

Institute of Ocean Sciences, Ocean Sciences Division

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

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

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Bottom Depth:	128	m
Transmisso Cleaned:	☒ Y /	N
Fluorometer Cleaned:	☐ N /	N
Time UTC Local		
Start (BE)	02:15	:
Bottom (BO)	02:24	:
End (EN)	03:39	:

Positional Information

Lat:	43°	32.76	N
Lon:	126°	00.46	W

▼

Lat:	43°	32.98	N
Lon:	126°	00.48	W

▼

Lat:	43°	32.57	N
Lon:	126°	00.50	W

EXTRA COMMENTS: (e.g. DMS cast, PAR on, heavy rain, tiskins out of order, etc)

Standards for Sample Collection: [WaterProperties.ca/standards](#)

10.23.9 200

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/mm/yyyy): 22 Aug 2013

Bottles & Samples	Firing	Sample	Rosette Operation	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	Comments
#	#	#								

1		161	near bottom		340					Bot
2		162			247					240 m 33.97
3		163			143	X				33.8
4		164			70	X				70 m
5										
6										
7										
8										
9										
10										
11										
12										
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14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Profile type: W2-SUR
 Ros (default) | TriWellRos | X-Niskin
 Watchkeeper(s):

Bottom Depth: 337 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time UTC Local

Start (BE) 02:22 :

Bottom (BO) 02:34 :

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: M014

Event #: 22

Vessel: Falkor

UTC Date (dd/mm/yyyy): 22 / Aug / 2013

Bottles & Samples	Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)				Comments
				Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	

1			173	64.5	175	X				
2			174	100	100		X			
3			175	20	20					
4			176	30	30					
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Profile type:
Ros (default) | TrMetRos | X-Niskin
Watchkeepers:

SP/SW

Bottom Depth: 182 m

Transmisso Cleaned: ☒ (Y) / N

Fluorometer Cleaned: ☒ (Y) / N

Time UTC Local

Start (BE) 16:50 :

Bottom (BO) 17:06 :

End (EN) : :

Positional Information

Lat: 48° 35' 522 N

Lon: 125° 34' 443 W

Lat: 48° 39' 596 N

Lon: 125° 34' 438 W

Lat: 48° N

Lon: ° W

Extra comments: (e.g. OMS 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

Station: MB 16

Event #: 23

Vessel: Falkor

UTC Date (dd|mm|yyyy): 20 | 100 | 2013

Bottles & Samples	Rosette Operation	Samples Taken (↓ write samplers' initials under each sample type)
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Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure
1	1	1	100	100
2	2	2	100	100
3	3	3	100	100
4	4	4	100	100
5	5	5	100	100
6	6	6	100	100
7	7	7	100	100
8	8	8	100	100
9	9	9	100	100
10	10	10	100	100
11	11	11	100	100
12	12	12	100	100
13	13	13	100	100
14	14	14	100	100
15	15	15	100	100
16	16	16	100	100
17	17	17	100	100
18	18	18	100	100
19	19	19	100	100
20	20	20	100	100
21	21	21	100	100
22	22	22	100	100
23	23	23	100	100
24	24	24	100	100
25	25	25	100	100
26	26	26	100	100
27	27	27	100	100
28	28	28	100	100
29	29	29	100	100
30	30	30	100	100
31	31	31	100	100
32	32	32	100	100
33	33	33	100	100
34	34	34	100	100
35	35	35	100	100
36	36	36	100	100
37	37	37	100	100
38	38	38	100	100
39	39	39	100	100
40	40	40	100	100
41	41	41	100	100
42	42	42	100	100
43	43	43	100	100
44	44	44	100	100
45	45	45	100	100
46	46	46	100	100
47	47	47	100	100
48	48	48	100	100
49	49	49	100	100
50	50	50	100	100
51	51	51	100	100
52	52	52	100	100
53	53	53	100	100
54	54	54	100	100
55	55	55	100	100
56	56	56	100	100
57	57	57	100	100
58	58	58	100	100
59	59	59	100	100
60	60	60	100	100
61	61	61	100	100
62	62	62	100	100
63	63	63	100	100
64	64	64	100	100
65	65	65	100	100
66	66	66	100	100
67	67	67	100	100
68	68	68	100	100
69	69	69	100	100
70	70	70	100	100
71	71	71	100	100
72	72	72	100	100
73	73	73	100	100
74	74	74	100	100
75	75	75	100	100
76	76	76	100	100
77	77	77	100	100
78	78	78	100	100
79	79	79	100	100
80	80	80	100	100
81	81	81	100	100
82	82	82	100	100
83	83	83	100	10

Oxy	Nut	Sal	Chl a		
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Profile type:
Ros (default) T-MeetRos X-Niskin
Watchkeeper(s):

chkeeper(s):

8/1/53

Bottom Depth: 100 m

Transmisso Cleared: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
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Start (SE)	40:02	:
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Bottom (BO)	NO	:
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End (EN)	10:40	:
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Positional Information

Lat: 40 44.747

Lon: 1615.727 W

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Lat: 43 49.116

Lon: 121.011

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Extra comments: (e.g., LMS cast, PAR on heavy rain, Niskins out of order, etc)

Version: 14 February 2013 Transmissometer and Fluorometer are to be cleaned before each cast -- do not use Ammonia products

Standards for Sample Collection: [WaterProperties.ca/standards](http://waterproperties.ca/standards)

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Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013

Station: 14008

Event #: 24

Vessel: Falkor

UTC Date (dd/mm/yyyy): 22 / Aug / 2013

Bottles & Samples	Niskin #	Firing #	Sample #	Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)			Comments
				Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	

1			181	0.8	✓	230	X		
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) | TriMet/Ros | X-Niskin
Watchkeepers:

22/50

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) 17:54 :

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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: KC68

Event #: 26

Vessel: Falkor

UTC Date (dd/mm/yyyy): 23 Aug 2013

Bottles & Samples Niskin #	Firing #	Sample #	Rosette Operation Target Pressure	Operation Confirmed Pressure	Samples Taken (↓ write samplers' initials under each sample type)	Oxy	Nut	Sal	Chl a	Comments
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1		189	bot 5	193	X					
2		190	156	150						
3		191	100	92		X				
4		192	70	73						7 sent-back for
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Profile type: W2-Susan
Ros (default) | TrimRos | X-Niskin
Watchkeeper(s):

Bottom Depth: 199 m

Transmisso Cleaned: (D) 1 N

Fluorometer Cleaned: (D) 1 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° 07.06' W

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

30 15 10 34 44

Water Properties Group

Sampling/ Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: RD02

Event #: 28

Vessel: Falkor

UTC Date (dd|mmm|yyyy): 24 | Aug | 2013

Bottles & Samples

Nisikin	Firing	Se
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Pressure

Pressure	✓	re
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Profile type:

Ros (default)	TrMet/Ros	X-Nislin
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Watchkeeper(s):

10

229

Bottom Depth: 333 m

Transmisso Cleaned: *W1* NFluorometer Cleaned: CP / N

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

Positional Information

Lat: 40 06.58

Lon: 125 15.04 W

●

Lat: 40 07.00

Lon: 15 17.00 W

100

Lon: 125 15.00 W

Enter comments in a MAC and PAD on

Extreme comments: (e.g., DIAS cast PAR on Heavy Rain, Miskins out of order, etc)

Version: 14 February 2013

Transmissometer and Fluorometer are to be cleaned before each cast -- do not use Ammonia products

Standards for Sample Collection: [WaterProperties.ca/standards](#)

10	10	12	50	25	33	02	45	35	01	31	37
40	40	42	20	55	03	32	15	05	21	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/mm/yyyy): 26 | Apr | 2013

Bottles & Samples Niskin #	Firing #	Sample #	Rosette Operation Target Pressure	Confirmed Pressure	Samples Taken (↓ write samplers' initials under each sample type)	Oxy	Nut	Sal	-GPR- DCR	Comments
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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) | TriWellRos | X-Niskin
 Watchkeepers:
 SN

Bottom Depth: 107 m

Transmisso Cleaned: 01 N
 Fluorometer Cleaned: 01 N

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

Positional Information
 Lat: 48° 33' 33" N
 Lon: 125° 15' 23" W

Start
 Lat: 48° 33' 33" N
 Lon: 125° 15' 23" W

Bottom
 Lat: 48° 47' 50" N
 Lon: 125° 15' 54" W

Finish
 Lat: 48° 47' 50" N
 Lon: 125° 15' 54" W

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

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

pink

25

23

7

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57

Station: SUSANP1

Event #: 33

Vessel: Falkor

UTC Date (dd/mm/yyyy): 26 / Aug / 2013

Bottles & Samples	Rosette Operation	Confirmed	Pressure	Oxy	Nut	Sal	Chl-a	DP	Comments
Niskin #	Filling #	Sample #	Target Pressure	✓	Pressure				

1		227	104.5	✓	191			X	
2		228	104.5	✓	192			X	
3		229	150	✓	150			X	
4		230	125	✓	125				
5		231	100	✓	100			X	
6		232	70	✓	72			X	
7		233	60	✓	60			X	
8		234	50	✓	51			X	
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: SL/SR
 Ros (default) | TrMetRos | X-Niskin
 Watchkeeper(s):

Bottom Depth: 195 m

Transmisso Cleaned: 10 / N

Fluorometer Cleaned: 10 / N

Time	UTC	Local
Start (BE)	21:47	:
Bottom (BO)	21:58	:
End (EN)	22:25	:

Positional Information

Start
 Lat: 48° 39' .361 N
 Lon: 125° 34' .364 W

Bottom
 Lat: 48° 39' .360 N
 Lon: 125° 34' .690 W

Finish
 Lat: 48° 39' .477 N
 Lon: 125° 34' .507 W

Extra comments: (e.g., CDS 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: NNP3

Event #: 37

Vessel: Falkor

UTC Date (dd/mm/yyyy): 27 Aug 2013

Bottles & Samples Niskin #	Filling #	Sample #	Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)			Comments	
			Target Pressure	Confirmed Pressure	Oxy	Nut	Sal		

1		267	68.5	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: SA/SA
 Ros (default) | TimelRos | X-Niskin
 Watchkeeper(s):

Bottom Depth: 120 m

Transmisso Cleaned: 0 / N

Fluorometer Cleaned: 0 / 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., OWS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Camping/ Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2013-57 Station: RD05 Event #: 39 Vessel: Falar UTC Date (dd|mm|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	Chta				

1		287	bot-5	/	310			X				
2		258	bot-25	/	287			X				
3		285	250	/	250			XX				
4		230	200	/	200	X		X				
5		241	175	/	176							
6		252	150	/	150			X				
7		253	125	/	125							
8		294	100	/	100			X				
9		245	70	/	70			X				
10		296	60	/	60	X						
11		257	50	/	50			X				
12		293	30	/	30			X				
13		249	20	/	20							
14		300	5	/	5			X				
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

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

SK

est 320m

Bottom Depth: 310 m

Transmisso Cleaned: 91 N

Fluorometer Cleaned: 9 / N

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

Positional Information

Start
Lat: 49° 25 . 24 N
Lon: 124° 50 . 67 W

Bottom
Lat: 49° 25 . 24 N
Lon: 124° 50 . 07 W

Finish
Lat: 48° 25 . 24 N
Lon: 124° 50 . 01 W

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