

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-1 Event #: 3 Vessel: SWL UTC Date (dd|mmm|yyyy): 4 | 7 | 2017

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments		
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nyt	Sal	Chl a	HPLC	bsi					Ox1	Ox2	
1		1	1000	✓ 1000.2	X	X	X							1306	6.5	0.237	Redone
2		2	750	✓ 750.0	XX	XX	XX							1344	6.6	6.7 0.247 0.251	1301
3		3	500	✓ 499	X	XX	X							1318	7.1	0.714	
4		4	350	✓ 350	X	XX	X							1322	7.7	1.450	
5		5	250	✓ 250	X	XX	X							1317	8.5	1.962	
6		6	225	✓ 225	X	XX	X							1335	8.7	2.114	
7		7	200	✓ 200	X	XX	X							1309	8.9	2.323	N.B. se-fel
8		8	175	✓ 175	XX	XX	X							1327	9.2	9.4 2.905 2.907	right 1321
9		9	150	✓ 150	X	XX	X							1333	9.6	3.343	
10		10	125	✓ 125	X	XX	X							1340	9.7	3.458	
11		11	100	✓ 100	X	XX	X							1341	10.0	3.842	
12		12	75	✓ 75	X	XX	X	X						1330	10.0	5.505	
13		13	50	✓ 50	X	XX	X	X						1300	11.7	5.834	
14		14	35	✓ 35	X	XX	X	XX						1348	13.1	6.236	
15		15	25	✓ 25	X	XX	X	X						1346	14.5	6.398	
16		16	15	✓ 15	X	XX	X	X						1302	15.6	6.290	5.15 + 5.0
17		17	5	✓ 5	X	XX	X	X	XX	XX				1351	1	15.7 6.293	
18																	
19																	
20																	
21																	
22		loop 8												1326		6.599	
23																	
24																	

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

Bottom Depth: _____ m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 01:06 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 49° 31.416 N
Lon: 128° 14.998 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-2 Event #: 7 Vessel: Suez UTC Date (dd|mmm|yyyy): 05 | JUL | 2017

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	HPL			FLASK	FLASK	DRAW/T		OXY-1	OXY-2	
1		18	1000	✓ 1000	XX	XX	XX					1106	1178	6.2	6.3	0.258	0.253	small bubbles from
2		19	750	✓ 750	X		X					1124		6.5		0.272		regents on 4
3		20	500	✓ 500	X		X					1127		6.9		0.748		
4		21	350	✓ 350	X		X					1142		7.4		1.677		
5		22	250	✓ 250	X		X					1177		8.3		2.257		
6		23	225	✓ 225	X		XX					1174		8.5		2.469		
7		24	200	✓ 200	XX		X					1128	1105	8.9	9.1	2.675	2.675	End Log
8		25	175	✓ 175	X		X					1144		9.1		2.779		
9		26	150	✓ 150	X		X					1134		9.4		2.986		
10		27	125	✓ 125	X		X					1126		9.6		3.278		
11		28	100	✓ 100	X		X					1119		9.8				lid came off - lost
12		29	75	✓ 75	X	XX	X	X				1110		9.9		5.766		
13		30	50	✓ 50														Varela UVic
14		31	50	✓ 50	X	XX	X	XX				1156		10.7		5.992		
15		32	40	✓ 40														Varela UVic
16		33	35	✓ 35	X	XX	X	X				1136		12.3		6.480		⇒ spigot still v. leaky
17		34	30	✓ 30														replaced after cast
18		35	25	✓ 25	X	XX	X	X				1114		13.8		6.519		⇒ Varela UVic
19		36	15	✓ 15														Varela UVic
20		37	15	✓ 15	X	XX	X	X				1123		14.8		6.265		
21		38	5	✓ 5														Varela UVic
22		39	5	✓ 5	X	XX	X	X	XX			1138		14.9		6.241		
23		40	0	✓ 0														Varela UVic
24		41	0	✓ 0														Varela

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

Bottom Depth: _____ m
 Transmisso Cleaned: Y / N
 Fluorometer Cleaned: Y / N
 Time UTC Local
 Start (BE) 05 : 08 :
 Bottom (BO) : :
 End (EN) : :

Positional Information
 Lat: 50° 25' 980" N
 Lon: 131° 21' 228" W

Start
Bottom
Finish

Lat: ° . N
 Lon: ° . W
 Lat: ° . N
 Lon: ° . W

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

loop 13 6.203
 loop 18 6.229

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-3 Event #: 10 Vessel: Seac UTC Date (dd|mmm|yyyy): 6|7|2017

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	HPLC	DIC	DSi	FLASK	FLASK	TEMP	TEMP	OXY1	OXY2	
1		42	1000	✓ 1000	XX	XX	X			X		1326	1306	6.0	5.9	0.276	0.277	
2		43	750	✓ 750	X		X			X		1344		6.3		0.328		
3		44	500	✓ 500	XX		X			X		1301	1318	6.7	6.8	0.867	0.856	A - bad arm - bubble
4		45	350	✓ 350	X		XX			XX		1322		7.3		1.752		
5		46	250	✓ 250	X		X			X		1317		8.1		2.252		
6		47	225	✓ 225	X		X			X		1335		8.3		2.410		
7		48	200	✓ 200	XX		X			X		1309	1327	8.7	8.8	2.587	2.591	
8		49	175	✓ 176	X		X			X		1321		9.1		2.974		
9		50	150	✓ 150	X		X			X		1333		9.4		3.135		
10		51	125	✓ 125	X		X			X		1340		9.6		3.534		
11		52	100	✓ 99	X		X			X		1341		9.6		4.070		
12		53	75	✓ 75	X		X	X		X		1330		9.9		5.012		
13		54	50	✓ 50	X		X	XX		X		1300		10.2		6.117		
14		55	35	✓ 35	X		X	X		X		1348		11.2		6.321		
15		56	25	✓ 25	X		X	X		X		1346		13.3		6.644		
16		57	15	✓ 15	X		X	X		X		1302		14.2		6.464		
17		58	5	✓ 5	X	XX	X	X	XX	X		1351		14.5		6.488		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: _____ m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N
Time UTC Local
Start (BE) 00:36 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 50° 57' .907 N
Lon: 133° 25' .888 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-4 Event #: 13 Vessel: SWL UTC Date (dd|mmm|yyyy): 6 | 7 | 2017

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	1120	1121	1122	1123	1124	1125	1126	1127
1	1	59	1000	✓ 1000	X	XX	XX						1150		5.8	0.272
2	2	60	750	✓ 750	XX		X						1106	1178	6.0	0.314
3	3	61	500	✓ 500	X		X						1124		6.4	0.660
4	4	62	350	✓ 350	X		X						1127		6.7	1.446
5	5	63	250	✓ 250	X		X						1142		7.1	2.284
6	6	64	225	✓ 225	X		X						1177		7.3	2.449
7	7	65	200	✓ 200	XX		X						1174	1128	7.6	2.768
8	8	66	175	✓ 175	X		X						1105		7.8	3.084
9	9	67	150	✓ 150	X		X						1144		8.1	3.497
10	10	68	125	✓ 125	X		X						1134		8.5	3.918
11	11	69	100	✓ 100	X		X						1126		8.6	4.783
12	12	70	75	✓ 75	X		X	XX					1119		8.4	6.257
13	14	71	50	✓ 50	X		X	X					1110		9.0	6.978
14	16	72	25	✓ 35	X		X	X					1156		9.9	7.047
15	17	73	25	✓ 25	X		X	X					1136		12.0	6.575
16	19	74	15	✓ 15	X		X	X					1114		12.6	6.423
17	21	75	5	✓ 5	X	XX	X	X	XX				1123		12.7	6.434
18	13	76	65	✓ 65												
19	15	77	50	✓ 50												
20	18	78	20	✓ 20												
21	20	79	10	✓ 10												
22	22	80	5	✓ 5												
23	23	81	2	✓ 2												
24	24	82	2	✓ 2												

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

Bottom Depth: 2000 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 15:08 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start Lat: 51° 48' 64" N
Lon: 137° 8' 165" 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)
Productivity exps
Size fract data
met
biogenic Si +

loop 25 1138 6.422

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-5 Event #: 16 Vessel: SWC UTC Date (dd|mmm|yyyy): 7 | 7 | 2017

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	HP20			RASK	RASK	T °C	T °C	oxy ¹	oxy ²
1		83	1000	✓1000	X	XX	XX					1326		5.7		0.337	
2		84	750	✓750	X		X					1306		5.9		0.387	
3		85	500	✓500	X		X					1344		6.2		0.922	
4		86	350	✓350	X		X					1301		6.4		1.455	
5		87	250	✓250	X		X					1318		6.7		2.397	
6		88	225	✓225	X		X					1322		6.9		2.817	
7		89	200	✓200	X		X					1317		7.1		3.083	
8		90	175	✓175	X		X					1335		7.5		3.470	
9		91	150	✓150	X		X					1309		7.6		3.720	
10		92	125	✓125	XX		X					1327	1321	7.9	8.0	4.141	4.127 YUCK BAD REPS
11		93	100	✓100	X		X					1333		7.6		6.508	
12		94	75	✓75	X		X	X				1340		9.1		6.967	
13		95	50	✓50	X		X	X				1341		9.3		7.205	
14		96	35	✓35	X		X	X				1330		11.3		6.761	
15		97	25	✓25	X		X	XX				1300		12.1		6.565	
16		98	15	✓15	XX		X	X				1348	1346	12.1	12.2	6.550	6.550
17		99	5	✓5	X	XX	X	X	XX			1302		12.2		6.548	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 7200 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	00:35	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Lat:	52° 17' .612	N
Lon:	139° 27' .176	W

Start

▼

Lat:	°	.	N
Lon:	°	.	W

Bottom

▼

Lat:	°	.	N
Lon:	°	.	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: 2017-93 Station: NP-6 Event #: 20 Vessel: SWL UTC Date (dd|mmm|yyyy): 7 | 7 | 2017

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	HPAC				FLASK	FLASK	T °C	T °C	OTM	OXY
1	1	100	1000	✓	1600	X	XX	X						1150		5.7		0.447	Enter fork, bottle
2	2	101	750	✓	750	X		X						1106		5.8		0.491	
3	3	102	500	✓	500	X		X						1178		6.1		0.774	
4	4	103	350	✓	350	X		XX						1124		6.4		1.545	
5	5	104	250	✓	250	X		X						1127		6.6		2.147	
6	6	105	225	✓	226	X		X						1142		6.7		2.703	
7	7	106	200	✓	200	X		X						1177		6.7		2.824	
8	8	107	175	✓	175	X		X						1174		6.9		3.442	
9	9	108	150	✓	150	X		X						1128		7.2		4.016	
10	10	109	125	✓	125	X		X						1105		7.2		5.308	
11	11	110	100	✓	100	XX		X						1144	1134	7.2	7.3	6.745	6.747
12	13	111	75	✓	75	X		X						1126		7.5		7.070	
13	15	112	50	✓	50	X		X						1192		8.0		7.244	
14	16	113	35	✓	35	X		X						1110		9.3		7.106	
15	18	114	25	✓	25	X		X						1156		11.4		6.630	
16	19	115	15	✓	15	X		X						1136		11.6		6.610	
17	22	116	5	✓	5	XX	XX	X	XX	XX				1114	1123	11.6	11.6	6.611	6.609
18	12	117	80	✓	80														
19	14	118	60	✓	60														
20	17	119	35	✓	35														Uvic Varela
21	20	120	15	✓	15														
22	21	121	8	✓	8														
23	23	122	0		0														
24	24	123	0		0														

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

Bottom Depth: _____ m

Transmisso Cleaned: ☒ Y ☐ N

Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	15:05	:
Bottom (BO)	:	:
End (EN)	:	:

Positional Information

Start	Lat: 52° 55.189' N
	Lon: 143° 20.702' 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)

→ Productivity experiments
size fract. chl a
nits
biogenic silica +

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93

Station: NP-7

Event #: 23

Vessel: SWC

UTC Date (dd|mmm|yyyy): 8 | 7 | 2017

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	HPec	BSi	SSC	FLASK	FLASK	T °C	T °C	OXY	OXY	
1	1	124	1000	✓ 1000	X	XX	X		X				1150		5.4		0.408	Redrawn	
2	2	125	750	✓ 750	X		X		X				1106		5.7		0.399		
3	3	126	500	✓ 500	X		XX		X				1178		5.9		0.508		
4	4	127	350	✓ 350	X		X		X				1124		6.0		0.924		
5	5	128	250	✓ 250	XX		X		X				1127	1142	6.2	6.3	1.435	Replicate salinity 1.439	
6	6	129	225	✓ 225	X		X		X				1177		6.3		1.652		
7	7	130	200	✓ 200	X		X		X				1174		6.3		1.979		
8	8	131	175	✓ 175	X		X		X				1128		6.4		2.262		
9	9	132	150	✓ 150	X		X		XX				1105		6.7		2.753		
10	10	133	125	✓ 125	X		X		X				1144		6.7		3.880		
11	11	134	100	✓ 100	X		X		X				1134		6.9		6.504		
12	12	135	75	✓ 75	X		X	X	X				1126		7.2		7.038		
13	13	136	50	✓ 50	XX		X	X	X				1192	1110	7.7	7.7	7.194	7.193	
14	14	137	35	✓ 35	X		X	X	X				1156		9.1		7.077		
15	15	138	25	✓ 25	X		X	XX	X				1136		10.9		6.797		
16	16	139	15	✓ 15	X		X	X	X				1114		11.4		6.715		
17	17	140	5	✓ 5	X	XX	X	X	X	XX			1123		11.9		6.662		
18	18	141	5	✓ 5							X	X						→ UVic-Yarda (BSi / site frast. chl a)	
19																			
20																			
21																			
22																			
23																			
24																			

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

Bottom Depth: 7300 m

Transmissio Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	<u>00 : 32</u>	:
Bottom (BO)	<u>00 : 50</u>	:
End (EN)	:	:

Positional Information

Start	Lat: <u>53 ° 15 . 144</u> N
	Lon: <u>145 ° 49 . 903</u> W
Bottom	Lat: <u>53 ° 15 . 145</u> N
	Lon: <u>145 ° 49 . 386</u> W
Finish	Lat: ° . N
	Lon: ° . 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: 2017-93

Station: NP-8

Event #: 26

Vessel: SWL

UTC Date (dd|mmm|yyyy): 8 | 7 | 2017

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	HPLC				FLASK	FLASK	1°C	1°C	OXY1	OXY2
1	1	142	1000	✓ 1001	X	XX	X						1326		5.6	0	0.501	EUD cap leaking
2	2	143	750	✓ 750	X		X						1306		5.7		0.460	OT
3	3	144	500	✓ 500	X		X						1344		6.0		0.476	
4	4	145	350	✓ 350	X		XX						1301		6.2		0.608	
5	5	146	250	✓ 251	X		X						1318		6.2		0.830	
6	6	147	225	✓ 224	XX		X						1322	1317	6.2	6.3	0.817	OT-1 0.819
7	7	148	200	✓ 200	X		X						1335		6.2		1.046	
8	8	149	175	✓ 175	X		X						1309		6.2		1.388	
9	9	150	150	✓ 150	X		X						1327		6.2		1.773	
10	10	151	125	✓ 125	X		X						1321		6.2		2.295	
11	11	152	100	✓ 100	X		X						1333		6.3		4.011	
12	12	153	75	✓ 75	X		X						1340		6.3		6.498	
13	14	154	50	✓ 50	X		X						1341		6.6		7.208	
14	16	155	35	✓ 35	X		X						1330		7.5		7.319	
15	17	156	25	✓ 25	X		X						1300		9.6		7.062	
16	19	157	15	✓ 15	XX		X						1348	1346	11.1	11.2	6.811	6.816
17	21	158	5	✓ 5	X	XX	X	XX	XX				1302		12.1		6.661	
18	13	159	75	✓ 75														} Wic-Varda
19	15	160	50	✓ 50														
20	18	161	25	✓ 25														
21	20	162	10	✓ 10														
22	22	163	5	✓ 5														
23	23	164	0	✓ 0														
24	24	165	0	✓ 0														

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

Bottom Depth: 22000 m
 Transmissio Cleaned: Y / N
 Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	15:04	:
Bottom (BO)	15:22	:
End (EN)	:	:

Positional Information

Lat:	53° 42' . 010	N
Lon:	150° 3' . 632	W

Start

Bottom

Finish

Lat:	°	.	N
Lon:	°	.	W

Lat:	°	.	N
Lon:	°	.	W

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

→ see earlier logs

Wic-Varda

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-92 Station: NP-9 Event #: 31 Vessel: SWC UTC Date (dd|mmm|yyyy): 09 | 07 | 2017

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	HPCC	BSI	Chla	Fluor	T°C	T°C	OXY1	OXY2	
1	1	166	1000	✓1000	X	XX	X						1326	5.4		0.451	
2	2	167	750	✓750	X		X						1306	5.5		0.400	
3		168	500	✓500	X		X						1344	5.8		0.311	
4		169	350	✓350	X		X						B01	6.0		0.328	
5		170	250	✓250	X		X						1318	6.1		0.354	
6		171	225	✓225	X		X						1322	6.1		0.371	
7		172	200	✓200	X		X						1317	6.2		0.417	
8		173	175	✓175	X		X						1335	6.2		0.518	
9		174	150	✓150	XX		X						1309	6.2	6.3	0.819	0.817
10		175	125	✓125	X		X						1321	6.2		1.295	
11		176	100	✓100	X		X						1333	6.3		3.298	
12		177	75	✓75	X		X	X					1340	6.1		6.589	OT
13		178	50	✓50	X		X	X					1341	6.5		7.196	
14		179	35	✓35	X		X	XX					1330	7.5		7.361	
15		180	25	✓25	XX		X	X					1300	10.4	10.4	7.204	7.203
16		181	15	✓15	X		X	X					1346	11.3		6.813	
17		182	5	✓5	X	XX	X	X	XX				1302	12.9		6.657	
18	10	183	5	✓5						X	X						Varela UVic
19																	
20																	
21																	
22																	
23																	
24																	

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

Bottom Depth: 23.00 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 00:33 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 53 ° 52.714 N
Lon: 152 ° 39.457 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)

@NP9 950 6.637

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-10 Event #: 34 Vessel: Sval UTC Date (dd|mmm|yyyy): 9 | 7 | 2017

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	HPCC	DIC	Oxy Bottle #	TPC	TPC	OX1	OX2		
1	1	184	1000	✓ 1000	X	XX	X					1150	5.6		0.370		OT
2	2	185	750	✓ 749	X		X					1106	5.8		0.315		
3	3	186	500	✓ 499	X		X					1178	6.2		0.401		
4	4	187	350	✓ 350	XX		X					1124	6.3	4.27	0.614	0.610	
5	5	188	250	✓ 250	X		X					1142	6.5		0.991		
6	6	189	225	✓ 225	X		X					1177	6.5		1.132		OT
7	7	190	200	✓ 201	X		X					1174	6.6		1.483		
8	8	191	175	✓ 175	X		X					1128	6.7		1.865		
9	9	192	150	✓ 150	X		X					1105	7.2		2.136		Re-drawn
10	10	193	125	✓ 125	X		X			X		1144	7.3		2.479		
11	11	194	100	✓ 99	X		X					1134	7.6		3.625		
12	12	195	75	✓ 74	X		X					1126	7.4		5.702		
13	14	196	50	✓ 49	X		X					1192	8.2		6.674		
14	15	197	35	✓ 35	XX		X					1156	9.1	9.2	6.913	6.911	
15	17	198	25	✓ 25	X		X					1136	10.2		7.042		
16	19	199	15	✓ 15	X		X			X		1114	12.3		6.810		
17	21	200	5	✓ 5	X	XX	X	XX	XX			1123	12.9		6.681		
18	13	201	60	✓ 60													
19	16	202	35	✓ 35													
20	18	203	20	✓ 20													
21	20	204	10	✓ 10													
22	22	205	5	✓ 5													
23	20	206	2	✓ 2													
24	24	207	2	✓ 2													

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

Bottom Depth: _____ m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 15:08 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 54 ° 5 . 044 N
Lon: 156 ° 28 . 319 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)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2017-93 Station: NP-11 Event #: 37 Vessel: SWL UTC Date (dd|mmm|yyyy): 10 | 7 | 2017

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	HPCC	650	810	FLASK	FLASK	T°C	T°C	OX1	OX2
1		208	1000	✓ 998	X	XX	X		X				1326		5.6		0.325	
2		209	750	✓ 748	X		X		X				1306		5.8		0.334	
3		210	500	✓ 500	X		X		X				1344		6.1		0.450	
4		211	350	✓ 350	X		X		X				1301		6.3		0.842	
5		212	250	✓ 250	X		X		X				1318		6.4		1.403	
6		213	225	✓ 225	X		X		X				1322		6.6		1.867	
7		214	200	✓ 199	X		X		X				1317		7.0		2.081	
8		215	175	✓ 175	XX		X		X				1335	1309	7.2	7.3	2.315	2.320
9		216	150	✓ 150	X		X		X				1327		7.8		2.924	
10		217	125	✓ 125	X		X		X				1321		7.8		3.528	
11		218	100	✓ 100	X		X		XX				1333		7.7		4.610	
12		219	75	✓ 75	XX		X	XX	X				1340	1341	7.6	7.7	6.144	6.145
13		220	50	✓ 50	X		X	X	X				1330		8.2		6.544	
14		221	35	✓ 35	X		X	X	X				1300		8.8		6.673	
15		222	25	✓ 25	X		X	X	X				1348		9.9		7.082	
16		223	15	✓ 15	X		X	X	X				1302		12.5		7.062	
17		224	5	5	X	XX	X	X	X	XX			1351		12.7		7.106	
18		225	5	5							X	X						Varela-UVic
19																		
20																		
21																		
22																		
23																		
24																		

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

Bottom Depth: 7300 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 00 : 30 :
Bottom (BO) : :
End (EN) : :

Positional Information
Start
Lat: 57 ° 7 . 870 N
Lon: 159 ° 4 . 220 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)

Loop 963 1351 6.996