Dissolved Oxygen Analysis Log Sheet

Swallow

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	1
Station:	LB01
Event Date (Local):	01 Sept 2016
Analysis Date (Local):	01 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept 2016
KIO_3 N:	0.0122698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			1	708	10.9	3.469	
2			2	3192	11.0	3.766	
3			3	3040	11.3	4.113	→
4			4	3025	11.8	4.579	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	3	3175	11.3	4.126	~
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Swallow

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2013

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	2
Station:	LB02
Event Date (Local):	01 Sept 2016
Analysis Date (Local):	01 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept. 2016
KIO_3 N:	0.0122698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			6	3093	10.0	3.754	
2			7	3038	10.2	3.710	
3			8	575	10.8	3.739 →	
4			9	510	11.5	4.456	
5			10	528	11.8	4.754	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	8	611	10.9	3.735	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Swallow

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	4
Station:	LB04
Event Date (Local):	01 Sept 2016
Analysis Date (Local):	01 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept 2016
KIO_3 N:	0.0122698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			12	3034	8.8	2.143	
2			13A	612	8.8	2.823	→
3			14	3586	9.1	3.542	
4			15	2099	9.7	3.787	
5			16	3043	11.1	4.767	
6			17	3162	13.7	6.155	
7			18	3096	14.1	6.178	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2	13B	2098	8.7	2.821	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Octopus

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	08
Station:	LB06
Event Date (Local):	01 Sept. 2016
Analysis Date (Local):	01 Sept. 2016
Analyst:	KS
Stdization Date (Local):	01 Sept. 2016
KIO_3 N:	0.0122698
Standard Titer:	0.59594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	Yes / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			20	3056	8.3	1.757	
2			21A	1059	8.2	1.732	→
3			22	2086	8.5	2.103	
4			23	3104	9.2	3.115	
5			24	2084	9.9	3.733	- Did not place lip in sample on
6			25	3108	11.1	4.639	1st attempt. Sample stirred for a few
7			26	3088	13.0	6.034	minutes.
8			27	3019	13.5	6.676	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2	21B	3021	8.2	1.735	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

SHARK

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	22
Station:	LB08
Event Date (Local):	01 Sept 2016
Analysis Date (Local):	01 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept 2016
KIO_3 N:	0.0122698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	Kenny sampled and fixed.

Nisk ID	Nisk int V	Nisk int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			31	1429	8.1	1.011	
2			32 A	1408	8.0	1.180	
3			33	1465	8.0	1.335	
4			34	3158	8.2	1.610	
5			35	2025	8.6	2.003	
6			36	2019	9.5	2.769	
7			37	2017	10.1	3.484	
8			38	2016	13.2	6.017	
9			39	2015	14.2	6.271	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2	32 B	94	8.1	1.179	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

SHARK

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	25
Station:	L B09
Event Date (Local):	01 SEPT 2016
Analysis Date (Local):	02 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept. 2016
KIO_3 N:	0.0122 ~~788~~ 698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.2377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			44	2027	8.1	1.309	
2			45	2032	8.3	1.987	
3			46	2043	8.4	2.614	
4			47	2040	8.4	1.847	
5			48	2047	8.7	2.232	
6			49	2051	9.3	4.363	
7			50 A	3033	9.7	4.893	
8			51	3020	12.5	6.228	
9			52	3018	13.9	6.407	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3					
4					
5					
6					
7	50 B	3032	9.5	4.897	
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Octopus

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	27
Station:	LB11
Event Date (Local):	01·09·16
Analysis Date (Local):	02 Sept 16
Analyst:	KS
Stdization Date (Local):	01 Sept 2016
KIO_3 N:	0.012298
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	OCTOPUS

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			54	3056	8.3	1.974	
2			55	1059	8.3	2.018	
3			56	3021	8.5	2.782	- E.P. is late. Needs adjustment.
4			57	2086	8.7	2.967	
5			58	3104	9.0	3.171	
6			59	2084	9.1	3.753	
7			60A	3108	9.5	4.018	=>
8			61	3019	9.9	4.788	
9			62	2075	10.5	4.892	
10			63	639	13.3	5.594	
11			64	1053	14.8	5.887	
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3					
4					
5					
6					
7	60B	3088	9.5	4.029	E.P. is late.
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	29
Station:	LB12
Event Date (Local):	02-09-16
Analysis Date (Local):	02 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept. 2016
KIO_3 N:	0.012~~2~~698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	OCTOPUS

Nisk ID	Nisk int V	Nisk int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			65	715	11.4	1.142	
2			66	1082	7.5	1.339	
3			67A	3035	7.7	1.728	→
4			68	2073	7.8	1.893	
5			69	647	8.1	2.201	
6			70	1054	8.1	2.478	
7			71	620	8.2	2.490	- 1st attempt. No thio tip in sample.
8			72	631	8.3	2.961	
9			73	2095	8.8	3.446	
10			74	638	9.0	3.487	
11			75	657	9.3	3.913	- late EP. Needs adjustment
12			76	3007	10.0	5.217	
13			77	690	13.5	5.687	
14			78A	425	15.3	5.949	→
15			79	622	15.6	6.020	
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	67B	3061	7.8	1.723	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14	78B	2085	15.4	5.955	
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	31
Station:	LB14
Event Date (Local):	02-09-16
Analysis Date (Local):	02 Sept 2016
Analyst:	KS
Stdization Date (Local):	01 Sept. 2016
KIO_3 N:	0.012298698
Standard Titer:	0.52594
Blank Titer:	0.00048
THIO N:	0.23377
Sample Flask Water Seal?	Yes / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	SWALLOW Depths on labels wrong

Nisk ID	Nisk int V	Nisk int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			81	708	6.4	0.401	
2			82A	3192	6.5	0.248	
3			83	3013	6.9	0.327	
4			84	3025	7.3	0.826	large particles in sample
5			85	557	7.7	1.196	
6			86	3093	7.9	1.526	
7			87	3038	8.2	1.813	
8			88	575	8.5	1.864	
9			89	611	8.6	1.807	
10			90	510	8.9	3.145	
11			91A	528	9.1	3.582	
12			92	3034	9.3	3.822	
13			93	C12	9.5	3.864	
14			94	2098	9.9	4.833	
15			95	586	10.6	5.146	
16			96	2099	10.9	5.148	
17			97	3043	12.9	5.475	
18			98	3162	15.7	5.904	
19			~~99~~	~~3096~~			
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2	82B	3040	6.6	0.253	
3					
4					
5					
6					
7					
8					
9					
10					
11	91B	3053	9.1	3.585	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information		Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2016-62	1			103	3079	6.3	0.640		1					
Event:	40	2			104A	456	6.3	0.384	⇒	2	104B	1406	6.4	0.382	
Station:	LC11	3			105	471	6.5	0.242		3					
Event Date (Local):	02 Sept 2016	4			106	3078	6.8	0.277		4					
Analysis Date (Local):	02 Sept. 206	5			107	3050	7.2	0.656		5					
Analyst:	KS	6			108	3005	7.4	1.067	-E.P is late. Needs adjustment.	6					
Stdization Date (Local):	01 Sept 2016	7			109	196	7.8	1.788		7					
KIO_3 N:	0.0122~~68~~698	8			110	712	8.1	2.247		8					
Standard Titer:	0.52594	9			111	3073	8.4	2.993		9					
Blank Titer:	0.00048	10			112	1055	8.6	3.037		10					
THIO N:	0.23377	11			113	396	8.8	3.286		11					
Sample Flask Water Seal?	Yes (circled) / No	12			114A	2089	9.1	3.701	⇒	12	114B	439	9.1	3.699	
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO	13			115	2065	9.3	3.724		13					
		14			116	2060	9.6	3.805		14					
		15			117	3081	10.2	4.851		15					
		16			118	505	10.7	5.074		16					
		17			119	2068	11.3	5.222		17					
		18			120	2055	13.1	5.374		18					
Notes: dinosaur		19			121	3137	15.9	6.037		19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Octopus

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	42
Station:	LC09
Event Date (Local):	02 Sept. 2016
Analysis Date (Local):	
Analyst:	KS
Stdization Date (Local):	03 Sept 2016
KIO_3 N:	0.012298 698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / (H_2SO_4) 1601 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			122	3056	7.3	0.603	
2			123	1059	7.5	1.082	
3			124	3021	7.5	1.295	
4			125	2086	7.8	1.504	
5			126A	3104	8.1	1.714 →	
6			127	3108	~~8.1~~	1.861	8.3
7			128	3088	~~8.3~~	1.827	8.5
8			129	3019	~~8.5~~	2.594	8.7
9			130	2075	~~8.7~~	3.388	9.0
10			131	639	~~9.0~~	3.431	9.3
11			132	1053	~~9.3~~	3.613	9.6
12			133	715	~~9.6~~	4.586	10.2
13			134A	1002	~~10.2~~	4.060 →	10.8
14			135	3061	~~10.8~~	4.156	11.8
15			136	2073	~~11.8~~	5.597	14.6
16			137	647	~~14.6~~	5.979	15.5
17					~~15.5~~		
18					~~15.5~~		
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3					
4					
5	126B	2084	8.1	1.708	
6					
7					
8					
9					
10					
11					
12					
13	134B	3035	10.9	4.062	
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

DINO

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	47
Station:	LC08
Event Date (Local):	3 SEPT 2016
Analysis Date (Local):	3 Sept. 2016
Analyst:	KS
Stdization Date (Local):	3 Sept 2016
KIO_3 N:	0.012298
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			139	3079	8.5	2.081	
2			140	456	8.5	2.268	
3			141	1406	8.5	2.424	
4			142	471	8.9	2.400	
5			143	3078	9.0	2.624	
6			144	3050	9.7	3.236	
7			145	196	9.7	3.720	→ Forgot to let go for a few minutes
8			146	712	9.9	5.306	
9			147	3073	10.5	5.127	
10			148	1055	13.9	6.055	
11			149	396	14.7	6.077	
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3					
4					
5					
6					
7	145B	3005	9.7	3.717	
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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21					
22					
23					
24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016 - 62
Event:	50
Station:	LC06
Event Date (Local):	3 Sept 2016
Analysis Date (Local):	3 Sept. 2016
Analyst:	KS
Stdization Date (Local):	3 Sept 2016
KIO_3 N:	0.01227 ~~FEB~~ 698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			150	505	8.3	1.331	
2			151	3081	8.3	1.335	
3			152A	2060	8.9	3.356	
4			153	439	9.3	3.597	
5			154	2089	10.8	4.273	
6			155	1223	13.5	7.455	
7			156	1407	14.1	7.675	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	152B	2065	8.7	3.355	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-C2
Event:	54
Station:	LC04
Event Date (Local):	3 Sept 2016
Analysis Date (Local):	3 Sept. 2016
Analyst:	KS
Stdization Date (Local):	~~3~~ 3 Sept 16
KIO_3 N:	0.0122~~3~~698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	DINO + 2 IN SWALLOW STARTING NOW IN SWALLOW NOW OUT OF ORDER FOR BLK TITLE

Nisk ID	Nisk int V	Nisk int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			157	3124	8.2	1.672	
2			158	3137	8.2	1.678	
3			159	2055	8.3	1.794	
4			160	2068	8.4	1.927	
5			161	3067	8.5	1.999	
6			162	3057	8.8	2.342	
7			163A	3119	9.7	3.351	
8			164	2046	11.1	4.718	
9			165	557	13.6	6.407	- Jelly tentacles in sample. Messy titration curve.
10			166	3025	14.7	6.417	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3					
4					
5					
6					
7	163D	3049	9.6	3.343	
8					
9					
10					
11					
12					
13					
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15					
16					
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24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	56
Station:	LCO2
Event Date (Local):	3 Sep 16
Analysis Date (Local):	3 Sept 2016
Analyst:	KS
Stdization Date (Local):	3 Sept. 2016
KIO_3 N:	0.012208698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			167	3192	9.0	3.279	
2			168	3040	9.1	3.244	
3			169A	3013	9.7	3.661	
4			170	3093	9.9	3.758	
5			171A	3038	10.3	3.879	
6			172	575	11.9	5.229	
7			173A	611	13.0	5.785	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	~~1693~~	~~708~~			
4					
5	171B	708	10.3	3.882	
6					
7	173B	510	13.0	5.785	
8					
9					
10					
11					
12					
13					
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15					
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Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	57
Station:	LC01
Event Date (Local):	03 Sept. 2016
Analysis Date (Local):	03 Sept. 2016
Analyst:	KS
Stdization Date (Local):	03 Sept. 2016
KIO_3 N:	0.012269698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk int V	Nisk int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			175	3034	9.3	2.865	
2			176	612	9.4	2.847	
3			177A	2098	9.9	3.233 →	
4			178	2099	11.3	4.754	
5			179	3043	11.5	4.544	
6			180	3162	11.9	5.100	
7			181	3096	12.1	5.229	
8							
9							
10							
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21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	177B	586	9.9	3.232	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
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Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

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Water Properties Group

Last Updated: July 2015

IOS

Cruise and Analysis Information	
Cruise Number:	2016-62
Event:	58
Station:	LD02
Event Date (Local):	3 Sept 2016
Analysis Date (Local):	3 Sept 2016
Analyst:	KS
Stdization Date (Local):	3 Sept 2016
KIO_3 N:	0.0122 ~~705~~ 698
Standard Titer:	0.52589
Blank Titer:	0.00016
THIO N:	0.23350
Sample Flask Water Seal?	(Yes) / No
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	$MnCl_2$ / NaI/NaOH / H_2SO_4 / KIO_3 / THIO
Notes:	

Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments
1			182	528	11.1	3.908	
2			183	2097	11.5	3.997	
3			184A	570	12.2	5.464	
4			185	3114	12.6	5.354	
5			186	3002	13.5	6.161	
6							
7							
8							
9							
10							
11							
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13							
14							
15							
16							
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19							
20							
21							
22							
23							
24							

Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
1					
2					
3	184B	3175	12.1	5.462	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
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Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.