

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



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:	2018-05	1			1	547	9.2	0.591	OVER-TITRATE	1					
Event:	1	2			2	3022	8.3	4.719		2					
Station:	SI	3			3	438	8.5	4.496		3					
Event Date (Local):	Feb 2/18	4			4	3199	8.5	4.633		4					
Analysis Date (Local):	2 FEB 2018	5			5A	3131	8.7	4.390		5	513	557	8.7	4.391	
Analyst:	MB	6			6	3109	8.6	4.467		6					
Stdization Date (Local):	2 FEB 2018	7			7	3176	8.6	4.594		7					
KIO ₃ N:	0.0118330	8			8	3091	8.4	5.158		8					
Standard Titer:	0.499	9			9	389	8.5	5.598		9					
Blank Titer:	0.0066	10								10					
THIO N:	0.240933	11								11					
Sample Flask	Yes	12								12					
Water Seal?	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

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Water Properties Group

Last Updated: July 2015



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:	2018-05	1			10	S28	8.2	5.700		1					
Event:	S	2			11	343	8.2	5.701		2					
Station:	59	3			12	3114	8.1	5.689		3					
Event Date (Local):	2 Feb 2018	4			13	303	8.1	5.683	⇒	4	3093	8.1		5.681	
Analysis Date (Local):	2 Feb 2018	5			14	2098	8.1	5.670		5					
Analyst:	SW	6			15	708	8.1	5.666	⇒ Leaky Spigot	6	3146	8.1		5.681	Redrawn
Stdization Date (Local):	2 Feb 2018	7			16	611	8.1	5.671		7					
KIO ₃ N:	0.011333	8			17	510	8.1	5.661		8					
Standard Titer:	0.4919343	9			18	3053	8.1	5.657		9					
Blank Titer:	0.0006357	10			19	745	8.1	5.660		10					
THIO N:	0.240933	11			20	3138	8.1	5.659		11					
Sample Flask Water Seal?	Yes	12			21	612	8.1	5.655		12					
	No	13			22	3038	8.1	5.665		13					
Reagent Change?	MnCl ₂	14			23	3209	8.2	5.660		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

Octopus

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Water Properties Group

Last Updated: January 2017



FORGOT TO ADD TMPs TO Box FILE

Cruise and Analysis Information		Nisk ID	Nisk Int V 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: 2013-05		1		24	1059	8.2	5.415	over-titrated	1					
Event: 7		2		25	3056	8.2	5.416		2					
Station: S6		3		26	3024	8.3	5.343	⇒	3	3150	8.3	5.341		
Event Date (Local): 2 Feb 2013		4		27	3104	8.3	5.351		4					
Analysis Date (Local): 3 Feb 2013		5	X	28	1053	/		Fail open	5					
Analyst: MB		6		29	3134	8.3	5.384		6					
Stdization Date (Local): 2 Feb 2013		7		30	629	8.3	5.337	over-titrated	7					
KIO ₃ N: 0.011833		8		31	2673	8.3	5.311		8					
Standard Titer: 0.4915		9		32	620	8.3	5.359		9					
Blank Titer: 0.0006		10		33	2034	8.4	5.240		10					
THIO N: 0.240933		11		34	3034	8.4	5.218	⇒	11	715	8.4	5.219		
Sample Flask Water Seal? Yes		12		35	1002	8.3	5.381		12					
	No	13		36	3035	8.3	5.376		13					
Reagent Change? MnCl ₂		14		37	2075	8.4	5.278		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15							15					
	H ₂ SO ₄	16							16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							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.

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2018-05	1			38A	1059	8.3	5.228		1	38B	3056	8.3	5.217	
Event:	16	2			39	3021	8.2	5.460		2					
Station:	46	3			40	3150	8.2	5.486	leaky vent	3					
Event Date (Local):	3 FEB 2018	4			41	3104	8.2	5.480		4					
Analysis Date (Local):	3 FEB 2018	5			42	1053	8.3	5.433		5					
Analyst:	MB	6			43	3124	8.6	4.942		6					
Stdization Date (Local):	2 FEB 2018	7			44	639	8.6	5.008		7					
KIO ₃ N:	0.011833	8			45A	2073	8.6	5.167		8	45B	620	8.6	5.171	
Standard Titer:	0.49A	9			46	2084	8.5	5.418		9					
Blank Titer:	0.0006	10			47	3034	8.5	5.426		10					
THIO N:	0.240533	11			48	715	8.5	6.347		11					
Sample Flask	Yes	12			49	1002	8.2	6.537		12					
Water Seal?	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2018-05	1		50	1059	9.0	2.607		1					
Event:	25	2		51	3056	8.9	2.703		2					
Station:	42	3		52	3021	8.9		→ Forgot Acid	3					
Event Date (Local):	3 FEB 2018	4		53	3150	8.7	3.571		4					
Analysis Date (Local):	3 FEB 2018	5		54A	3104	8.5	4.118		5	54B	1053	8.5	4.116	
Analyst:	ms	6		55	3134	8.3	4.722		6					
Stdization Date (Local):	2 FEB 2018	7		56	639	8.3	4.752		7					
KIO ₃ N:	0.011833	8		57	2573	8.1	5.4581		8					
Standard Titer:	0.4919	9		58	620	8.1	5.5911		9					
Blank Titer:	0.0006	10		59	2084	8.1	5.432		10					
THIO N:	0.240933	11		60	3034	8.3	5.331		11					
Sample Flask Water Seal?	Yes	12		61	715	8.2	5.370		12					
	No	13		62A	1002	8.1	5.834		13	62B	3035	8.1	5.834	
Reagent Change?	MnCl ₂	14		63	2075	7.7	6.350		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		64	3061	7.5	6.558	again same problem as 16	15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		65	647	7.3	6.831	something loose caps?	16					
	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Caps not seating

Outputs

Dissolved Oxygen Analysis Log Sheet

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2018-05	1		66	1059	9.1	2.365		1					
Event:	31	2		67	3056	9.1	2.365		2					
Station:	39	3		68	3021	9.1	2.745	⇒	3	68	3150	9.1	2.625	horrible d-pts!!
Event Date (Local):	FEB 3	4		69	3104	9.0	2.919		4					
Analysis Date (Local):	3 Feb 2018	5		70	1053	8.7	3.853		5					
Analyst:	SM	6		71	3134	8.5	4.225		6					
Stdization Date (Local):	2 Feb 2018	7		72	639	8.3	5.051		7					
KIO ₃ N:	0.011033	8		73	2073	8.5	4.427		8					
Standard Titer:	0.4919343	9		74	620	9.0	3.594		9					
Blank Titer:	0.006357	10		75	2084	9.0	3.629	⇒	10	75	3034	9.0	3.627	
THIO N:	0.240933	11		76	715	8.7	4.399		11					
Sample Flask Water Seal?	Yes	12		77	1002	8.7	4.551		12					
Reagent Change?	MnCl ₂	13		78	3035	8.5	5.127		13					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	14		79	2075	7.9	6.418		14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15		80	3061	7.6	6.639		15					
	KIO ₃	16		81	647	7.5	6.630		16					
	THIO	17		82	3108	7.4	7.037		17					
Notes:		18							18					
		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Octopus

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This was attached to #24, but also unknown status for #2 + #3 #

Cruise and Analysis Information		Nisk ID	Nisk Int V 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:	2018-05	1		86	1059		2.587	Did not trip	1					
Event:	40	2		87	3056	9.1	2.587		2					
Station:	27	3		88	3021	9.1	2.748		3					
Event Date (Local):	3 FEB 2018	4		89	3150	9.1	2.969	⇒	4	3	3104	9.1	2.964	
Analysis Date (Local):	4 FEB 2018	5		90	1053	9.0	3.179		5					
Analyst:	MB	6		91	3134	9.0	3.385		6					
Stdization Date (Local):	4 FEB 2018	7		92	639	8.9	3.704		7					
KIO ₃ N:	0.011833	8		93	2073	8.8	3.931		8					
Standard Titer:	0.4914	9		94	620	8.8	3.885	⇒	9		3034	8.9	3.878	
Blank Titer:	0.0006	10		95	2084	8.7	4.433		10					
THIO N:	0.241072	11		96	715	8.4	5.130		11					
Sample Flask Water Seal?	Yes	12		97	1002	8.2	5.644		12					
	No	13		98	3035	7.8	6.516		13					
Reagent Change?	MnCl ₂	14		99	2075	7.7	6.672		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		100	3061	7.6	6.700		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		101	647	7.6	6.846		16					
	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2018-05	1		103	528	9.1	2.766	Funny Curve, overtitrate. (stir plate to slow?)	1					
Event:	48	2		104	3148	9.1	2.869		2					
Station:	02	3		105A	3114	9.0	3.222	leaky vent	3	105B	3013	9.0	3.218	
Event Date (Local):	4 FEB 2018	4		106	3093	9.0	3.339		4					
Analysis Date (Local):	4 FEB 2018	5		107	2098	8.9	3.649		5					
Analyst:	MB	6		108	708	8.9	3.640		6					
Stdization Date (Local):	4 FEB 2018	7		109	3146	8.9	3.817		7					
KIO ₃ N:	0.0118330	8		110	611	8.8	4.074		8					
Standard Titer:	0.04914	9		111	510	8.4	5.338		9					
Blank Titer:	0.0006	10		112	3053	8.3	5.690		10					
THIO N:	0.2411072	11		113A	745	8.1	5.992		11	113B	3138	8.1	5.993	
Sample Flask	Yes	12		114	612	8.1	6.205		12					
Water Seal?	No	13		115	3038	8.0	6.294		13					
Reagent Change?	MnCl ₂	14		116	3209	7.9	6.384		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		117	3129	8.0	6.551	-redraw x2	15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16							16					
	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Cruise Number:	2018-05	1			121	547			BOT DID NOT FIRE	1					
Event:	53	2			122	30229.2	2.415			2					
Station:	3	3			123	438	9.1	3.180		3					
Event Date (Local):	4 FEB 2018	4			124	3199	9.1	3.295		4					
Analysis Date (Local):	4 FEB 2018	5			125	557	9.1	3.629		5					
Analyst:	MR	6			126	3131			Bottle not used, see rosette log.	6					
Stdization Date (Local):	4 FEB 2018	7			127	3109	9.0	3.84		7					
KIO ₃ N:	G. 0.11833	8			128	3176	8.9	3.838		8					
Standard Titer:	0.414	9			129	3691	8.8	4.429		9					
Blank Titer:	0.0006	10			130	839	8.6	5.044		10					
THIO N:	0.241072	11			131A	3155	8.5	5.357		11	131B	1402	8.5	5.354	
Sample Flask Water Seal?	Yes	12			132	1472	8.4	5.667		12					
	No	13			133	3047	8.3	5.905		13					
Reagent Change?	MnCl ₂	14			134A	1035	8.2	6.117	over-titrated.	14	134B	3110	8.2	6.117	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			135	3028	8.1	6.259		15					
	H ₂ SO ₄	16			136	1311	8.1	6.306		16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

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Cruise and Analysis Information		Nisk ID	Nisk Int V 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: 2018-05		1		137	1059	9.3	4.859		1					
Event: 56		2		138	3056	9.2	5.054		2					
Station: BS17		3		139A	3021	9.1	5.403	⇒	3	139B	3150	9.1	5.401	
Event Date (Local): 4 Feb 2018		4		140	3104	9.1	5.507		4					
Analysis Date (Local): 4 Feb 2018		5		141	1053	9.1	5.648		5					
Analyst: SW		6		142A	3134	9.1	5.675	⇒	6	142B	639	9.1	5.678	
Stdization Date (Local): 4 Feb 2018		7		143	2073	9.2	5.789		7					
KIO ₃ N: 0.011833		8		144	620	9.1	5.970		8					
Standard Titer: 0.4913821		9							9					
Blank Titer: 0.0006357		10							10					
THIO N: 0.241072		11							11					
Sample Flask Water Seal? Yes		12							12					
	No	13							13					
Reagent Change? MnCl ₂		14							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15							15					
	H ₂ SO ₄	16							16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							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.

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Swordfishie

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2013-05	1			145	547	9.1	3.152		1					
Event:	58	2			146	3022	9.3	3.207		2					
Station:	58 6	3	✓		147	433	9.3	3.403		3					
Event Date (Local):	4 Feb	4			148	3199	9.2	3.373	⇒	4		557	9.3	3.373	PERFECT DUPLS!!
Analysis Date (Local):	4 Feb	5			149	3131	9.2	3.522		5					
Analyst:	SR	6			150	3109	8.7	4.921		6					
Stdization Date (Local):	4 Feb	7			151	3176	8.5	5.272		7					
KIO ₃ N:	0.011837	8			152	3091	8.5	5.499		8					
Standard Titer:	0.4913821	9			153	339	8.3	5.746		9					
Blank Titer:	0.0006357	10			154	3155	8.2	6.119		10					
THIO N:	0.241072	11	✓		155	1402	8.1	6.330		11					
Sample Flask (Yes)	(Yes)	12			156	1472	8.2	6.346		12					
Water Seal?	No	13			157	3047	8.3	6.369	⇒	13		1035	8.2	6.358	
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

Octopus

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



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:	2018-05	1			158	1002	9.3	2.724	⇒	1	158	715	9.4	2.718	
Event:	62	2			159	2084	9.3	2.816		2					
Station:	9	3			160	3034	9.3	3.053		3					
Event Date (Local):	Feb 4, 2018	4			161	620	9.1	3.578		4					
Analysis Date (Local):	4 Feb	5			162	2073	8.7	4.459	⇒	5	162	639	8.7	4.460	Nike dyp!
Analyst:	SW	6			163	3134	8.4	5.653		6					
Stdization Date (Local):	4 Feb	7			164	1053	8.3	5.904		7					
KIO ₃ N:	0.011833	8			165	3104	8.2	6.100		8					
Standard Titer:	0.491384	9			166	3150	8.2	6.175		9					
Blank Titer:	0.0006357	10			167	3021	8.2	6.331		10					
THIO N:	0.241072	11	✓		168	3056	8.2	6.466		11					
Sample Flask Water Seal?	Yes	12			169	1059	8.4	6.492		12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

Swordfish

Dissolved Oxygen Analysis Log Sheet

Last Updated: January 2017

Institute of Ocean Sciences

Water Properties Group



Cruise and Analysis Information		Nisk ID	Nisk Int V 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:	2018-05	1		170	547	9.3	2.626		1					
Event:	67	2		171	3022	9.3	2.784		2					
Station:	12	3		172	438	9.3	2.910		3					
Event Date (Local):	4 Feb 2013	4		173	557	9.2	3.073		4					
Analysis Date (Local):	4 Feb 2013	5		174	3199	9.1	3.219		5					
Analyst:	SM	6		175	3131	9.2	3.335		6					
Stdization Date (Local):	4 Feb 2013	7		176	3109	9.2	3.271	=>	7	176	3176	9.2	3.265	
KIO ₃ N:	0.01333	8		177	3091	9.1	3.558		8					
Standard Titer:	0.4913821	9		178	339	8.8	4.429	=>	9	178	3155	8.8	4.436	
Blank Titer:	0.0006357	10		179	1402	8.4	5.855		10					
THIO N:	0.241072	11		180	1472	8.2	6.136		11					
Sample Flask Water Seal?	Yes	12		181	3047	8.1	6.345		12					
	No	13		182	1035	8.1	6.458		13					
Reagent Change?	MnCl ₂	14		183	3110	8.1	6.511		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		184	3028	8.1	6.553		15					
	H ₂ SO ₄	16		185	1311	8.1	6.565		16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							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

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Cruise and Analysis Information							Nisk ID	Nisk Int V	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: 2018-05	1		187	1059	9.2	2.805								1					
Event: 71	2		188	3056	9.2	2.819								2					
Station: 14	3		189	3021	9.2	2.944								3					
Event Date (Local): 04 FEB 2018	4		190	3150	9.2	3.014								4					
Analysis Date (Local): 5 FEB 2018	5		191	3104	9.2	3.027								5					
Analyst: MB	6		192	1053	9.1	3.153								6					
Stdization Date (Local): 4 FEB 2018	7		193	3134	8.8	3.912	⇒							7	193	639	8.9	3.905	
KIO ₃ N: 0.011833	8		194	2073	8.5	4.655								8					
Standard Titer: 0.4914	9		195	620	8.3	5.599								9					
Blank Titer: 0.0006	10		196	3034	8.2	5.814								10					
THIO N: 0.241072	11		197	2084	8.1	6.004								11					
Sample Flask Water Seal? ☒ Yes ☐ No	12		198	715	8.1	6.146								12					
	13		199	1002	8.1	6.295								13					
Reagent Change? MnCl ₂	14		200	3035	8.1	6.371	⇒							14	200	2075	8.1	6.376	
(Please circle reagent that was changed prior to sampling and standardization)	15		201	3061	8.3	6.531								15					
NOTE NEW BATCH IN LOG BOOK	16													16					
	17													17					
	18													18					
Notes:	19													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

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Water Properties Group

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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:	2018-05	1			205	547	9.2	2.846		1					
Event:	75	2			206	3022	9.2	3.002		2					
Station:	16	3			207	438	9.0	3.877		3					
Event Date (Local):	5 FEB 2018	4			208	557	8.6	4.908		4					
Analysis Date (Local):	5 FEB 2018	5			209	3199	8.5	5.018		5	2078	3131	8.5	5.018	
Analyst:	MB	6			210	3109	8.4	5.206		6					
Stdization Date (Local):	4 FEB 2018	7			211	3176	8.4	5.479		7					
KIO ₃ N:	0.011833	8			212	3091	8.4	5.530		8	2128	339	8.4	5.535	
Standard Titer:	0.4914	9			213	3155	8.4	5.585		9					
Blank Titer:	0.0006	10			214	1402	8.3	5.609		10					
THIO N:	0.241072	11			215	1472			DID NOT FIRE	11					
Sample Flask	Yes	12								12					
Water Seal?	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								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.

Octopus

Dissolved Oxygen Analysis Log Sheet

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Cruise and Analysis Information							Nisk ID	Nisk Int V	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:	2018-05	1			219	1059	8.3	5.536							1					
Event:	9.5	2			220	3056	8.3	5.566							2					
Station:	VAN1	3	✓		221	3021	8.3	5.548	⇒						3	221	3156	8.3	5.549	
Event Date (Local):	5 Feb 2018	4			222	3104	8.3	5.515							4					
Analysis Date (Local):	6 FEB 2018	5			223	1053	8.3	5.505							5					
Analyst:	MB	6			224	3134	8.3	5.550							6					
Stdization Date (Local):	6 FEB 2018	7			225	639	8.3	5.600							7					
KIO ₃ N:	0.0118330	8			226	2073	8.3	5.496							8					
Standard Titer:	0.4914	9			227	620	8.1	6.100							9					
Blank Titer:	0.0006	10			228	3034	7.8	6.842							10					
THIO N:	0.241129	11													11					
Sample Flask Water Seal?	Yes	12													12					
	No	13													13					
Reagent Change?	MnCl ₂	14													14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15													15					
	H ₂ SO ₄	16													16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17													17					
	THIO	18													18					
Notes:		19													19					
		20													20					
		21													21					
		22													22					
		23													23					
		24													24					

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Dissolved Oxygen Analysis Log Sheet

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Cruise and Analysis Information		Nisk ID	Nisk Int V	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:	2018-05	1			230	1059	8.1	5.435		1					
Event:	96	2			231	3056	8.1	5.430		2					
Station:	VAN04	3			232	3021	8.1	5.416		3					
Event Date (Local):	6 FEB 2018	4			233	3150	8.2	5.421		4					
Analysis Date (Local):	6 FEB 2018	5			234	3104	8.1	5.500		5	234B	1053	8.2	5.497	
Analyst:	MB	6			235	3134	8.0	5.939		6					
Stdization Date (Local):	6 FEB 2018	7			236	639	7.9	6.278		7					
KIO ₃ N:	0.0118330	8			237	2073	8.8	6.362	7.9	8					
Standard Titer:	0.4914	9								9					
Blank Titer:	0.0006	10								10					
THIO N:	0.241129	11								11					
Sample Flask Water Seal?	Yes	12								12					
	No	13								13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
	H ₂ SO ₄	16								16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

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