

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
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:	2016 - 45	1			1	708	9.5	4.978	25	1					
Event:	003	2			2	3192	9.5	4.040		2		3040	9.4	4.049	
Station:	2	3			3	3013	9.5	4.180		3					
Event Date (Local):	28/4/16	4			4	3025	9.5	4.517		4					
Analysis Date (Local):	28/4/16	5			5	557	10.1	6.201		5					
Analyst:	H.M.	6			6	3093	11.1	7.557		6					
Stdization Date (Local):	28/4/16	7			7	3038	11.4	7.702		7					
KIO ₃ N:	0.0121005	8								8					
Standard Titer:	0.5155609	9								9					
Blank Titer:	0.000472	10								10					
THIO N:	0.235196	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)	Nal/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 Number:	2016-45						1			8	575	10.2	3.643		1					
Event:	010						2			9	611	10.2	3.752		2					
Station:	5						3			10	510	10.1	3.926		3					
Event Date (Local):	28/4/16						4			11	528	10.1	4.479		4					
Analysis Date (Local):	28/4/16						5			12	3053	11.0	7.063 *		5		3034	11.1	7.143	
Analyst:	H.M.						6			13	612	11.7	8.191		6					
Stdization Date (Local):	28/4/16						7			14	2098				7					BOTTLE DID NOT FIRE
KIO ₃ N:	0.0121005						8								8					
Standard Titer:	0.5155609						9								9					
Blank Titer:	0.000472						10								10					
THIO N:	0.235196						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					

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Cruise Number:	2016-45	1		15	586	10.2	4.155		1					
Event:	017	2		16	2099	10.1	4.141		2					
Station:	B	3		17	3643	10.0	4.182	*	3	17	362	9.9	4.190	
Event Date (Local):	28/4/16	4		18	3096	10.1	4.880		4					
Analysis Date (Local):	28/4/16	5		19	3175	11.0	6.724		5					
Analyst:	4 n	6		20	570	12.0	8.041		6					JELLYFISH IN SAMPLE
Stdization Date (Local):	28/4/16	7		21	2097	13.2	7.853		7					(OR HABET SEAWEED)
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5155609	9							9					
Blank Titer:	0.000472	10							10					
THIO N:	0.235196	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					

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Cruise Number: 2016-45							1		22	708	9.8	4.468		1					
Event: 024							2		23	3192	9.8	4.393	*	2		3040	9.8	4.388	
Station: 11							3		24	3013	9.8	4.341		3					
Event Date (Local): 29/4/16							4		25	3025	9.9	4.729		4					
Analysis Date (Local): 29/4/16							5		26	557	10.9	6.791		5					
Analyst: H.M.							6		27	3093	11.6	8.048		6					
Stdization Date (Local): 28/4/16							7		28	3038	12.2	7.956		7					
KIO ₃ N: 0.0121005							8							8					
Standard Titer: 0.5155609							9							9					
Blank Titer: 0.000472							10							10					
THIO N: 0.235196							11							11					
Sample Flask Water Seal? Yes							12							12					
Reagent Change? No							13							13					
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization)							14							14					
NOTE NEW BATCH IN LOG BOOK							15							15					
							16							16					
							17							17					
							18							18					
							19							19					
							20							20					
							21							21					
							22							22					
							23							23					
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Cruise Number:	2016-45	1		29	575	10.0	4.135		1					
Event:	631	2		30	611	9.9	4.138		2					
Station:	14	3		31	510	9.9	4.172	x	3		528	9.9	4.182	
Event Date (Local):	29/4/16	4		32	3053	10.0	4.844		4					
Analysis Date (Local):	29/4/16	5		33	3034	10.6	6.112		5					
Analyst:	H.N	6		34	612	11.3	7.087		6					
Stdization Date (Local):	28/4/16	7		35	2098	11.9	7.493		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5155609	9							9					
Blank Titer:	0.000472	10							10					
THIO N:	0.235196	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					

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Cruise Number:	2016-45	1		36	586	10.5	5.028		1					
Event:	042	2		37	2099	10.4	5.133		2					
Station:	20	3		38	3043	10.3	5.118		3					
Event Date (Local):	29/4/16	4		39	3162	10.3	5.164 *		4		3096	10.3	5.726	(SPILLED DROP OF THIO)
Analysis Date (Local):	29/4/16	5		40	3175	10.9	6.164		5					
Analyst:	H.M.	6		41	570	11.4	6.793		6					
Stdization Date (Local):	28/4/16	7		42	2097	12.4	7.657		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5155609	9							9					
Blank Titer:	0.000472	10							10					
THIO N:	0.235196	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					
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		23							23					
		24							24					

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Cruise Number:	2016-45	1		43	1050	10.4	4.741		1					
Event:	647	2		44	658	10.1	4.804	*	2		3114	10.1	4.795	
Station:	22	3		45	8061	10.1	4.808		3					
Event Date (Local):	29/4/16	4		46	8108	10.1	4.955		4					
Analysis Date (Local):	29/4/16	5		47	8106	10.5	5.955		5					
Analyst:	4 m.	6		48	3110	11.7	7.305		6					
Stdization Date (Local):	28/4/16	7		49	468			bottle fired but did not contain water	7					
KIO ₃ N:	0.0121005	8						SUSPECT BOTTOM CAP HUNG UP AND	8					
Standard Titer:	0.5153609	9						CLOSED AS WE CAME ABOARD	9					
Blank Titer:	0.000472	10						(TOP WAS VIEWED CLOSING R	10					
THIO N:	0.235196	11						SURFACE)	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					
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Cruise Number:	2016-45	1		50	700	10.0	4.453		1					
Event:	652	2		51	3192	9.9	4.368		2					
Station:	17	3		52	3040	9.9	4.389		3					
Event Date (Local):	30/4/16	4		53	3013	10.1	5.122	*	4	53	3025	10.1	5.122	
Analysis Date (Local):	30/4/16	5		54	557	11.3	6.790		5					
Analyst:	H.m.	6		55	3093	12.6	7.881		6					
Stdization Date (Local):	30/4/16	7		56	3038	12.9	7.812		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5152039	9							9					
Blank Titer:	0.0003068	10							10					
THIO N:	0.235215	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					

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Cruise Number:	2016-45	1		57	575	10.0	4.698		1					
Event:	055	2		58	611	9.9	4.698		2					
Station:	23	3		59	510	9.9	4.710		3					
Event Date (Local):	30/4/16	4		60	528	10.5	5.709		4					
Analysis Date (Local):	30/4/16	5		61	3053	12.3	7.989*		5	61	3034	12.5	7.989	
Analyst:	H. H.	6		62	612	12.6	8.113		6					
Stdization Date (Local):	30/4/16	7		63	2098	12.7	8.126		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5152039	9							9					
Blank Titer:	0.0003068	10							10					
THIO N:	0.235215	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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Cruise Number:	2016-45	1		64	586	10.2	4.569*		1	64	2099	10.1	4.518	
Event:	058	2		65	3043	9.9	4.342		2					
Station:	29	3		66	3162	9.9	4.387		3					
Event Date (Local):	30/4/16	4		67	3096	10.6	6.288		4					
Analysis Date (Local):	30/4/16	5		68	3175	12.2	8.153		5					
Analyst:	H.M.	6		69	570	12.4	8.142		6					
Stdization Date (Local):	30/4/16	7		70	2097	12.6	8.095		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5152039	9							9					
Blank Titer:	0.0003068	10							10					
THIO N:	0.235215	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					
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:	2016-45	1		71	1050	11.1	2.028		1					
Event:	061	2		72	658	10.7	2.033		2					
Station:	40	3		73	3114	10.6	2.026		3					
Event Date (Local):	30/4/16	4		74	3061	10.5	2.468 *		4	74	3108	10.5	2.463	
Analysis Date (Local):	30/4/16	5		75	3106	10.4	2.952		5					
Analyst:	H.M.	6		76	3110	10.1	3.929		6					
Stdization Date (Local):	30/4/16	7		77	468	9.7	4.850 *		7	77	3101	9.7	4.851	
KIO ₃ N:	0.0121005	8		78	2087	9.9	4.331		8					
Standard Titer:	0.5152039	9		79	2083			did not fire; fired on deck; hung up	9					
Blank Titer:	0.0003068	10		80	458	10.3	5.372		10					
THIO N:	0.235215	11		81	146	12.1	7.821		11					
Sample Flask Water Seal?	Yes	12		82	3098	12.6	8.170		12					
	No	13		83	2092	13.1	8.098		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					
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Cruise Number:	2016-45						1			84	1442	10.7	3.725	bubble in sample when pickled, redo	1		1442	10.3		
Event:	064						2			85	3103	10.1	4.483		2					
Station:	39						3			86	3094	10.1	4.288	* 1st #4 should be DUP #3	3	86	2090	10.1	4.289	
Event Date (Local):	30/4/16						4			87	1417	10.3	4.766		4					
Analysis Date (Local):	30/4/16						5			88	462	10.5	5.207		5					
Analyst:	H. V.						6			89	371	11.1	6.861		6					
Stdization Date (Local):	30/4/16						7			90	2049	12.5	8.086		7					
KIO ₃ N:	00121005						8			91	2091	13.4	8.629		8					
Standard Titer:	0.5152039						9								9					
Blank Titer:	0.0003068						10								10					
THIO N:	0235215						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					
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							23								23					
							24								24					

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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:	2016-45						1		92	3075	10.7	2.765	bubbles in sample, redo *2 →	1	92	3075	10.4		
Event:	067						2		93	3031	10.1	4.090		2					
Station:	38						3		94	552	10.0	4.173	*	3	94	3109	10.0	4.178	
Event Date (Local):	30/4/16						4		95	3074	10.1	4.682		4					
Analysis Date (Local):	30/4/16						5		96	3119	10.8	6.033		5					
Analyst:	H. H.						6		97	3076	12.3	7.875		6					
Stdization Date (Local):	30/4/16						7		98	2020	13.3	8.245		7					
KIO ₃ N:	0.0121005						8		99	3052	13.7	8.190		8					
Standard Titer:	0.5152039						9							9					
Blank Titer:	0.0003068						10							10					
THIO N:	0.235215						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					
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 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:	2016-45	1		100	3075	10.1	4.587		1					
Event:	070	2		101	3031	10.0	4.505*		2	101	552	10.0	4.506	
Station:	33	3		102	3109	10.0	4.502		3					
Event Date (Local):	1/5/16	4		103	3074	10.1	4.869		4					
Analysis Date (Local):	1/5/16	5		104	3119	12.3	7.744		5					
Analyst:	H.M.	6		105	3076	12.6	5.836	3057 } FROM CAST 073	6					
Stdization Date (Local):	30/4/16	7		106	2020	12.7	7.558	3066 } STA 32-ACCIDENTLY	7					
KIO ₃ N:	0.0121005	8						#111 } RDN WITH THIS	8					
Standard Titer:	0.5152039	9						FILE	9					
Blank Titer:	0.0003068	10		105	3076	12.6	8.071		10					
THIO N:	0.235215	11		106	2020	12.7	8.074		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					

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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:	2016-45	1		3052	107	10.5	4.990		1					
Event:	073	2		3062	108	10.5	4.888 *		2	3055	109	104	4.897	
Station:	32	3		3065	110	10.4	4.882		3					
Event Date (Local):	1/5/16	4		3057	111	10.8	—	IN FILE 07001 5.836 ml/l	4					
Analysis Date (Local):	1/5/16	5		3066	112	12.3	—	IN FILE 07001 7.558 ml/l	5					
Analyst:	H.M.	6		3067	113	13.3	8.223		6					
Stdization Date (Local):	30/4/16	7		3014	114	13.8	8.160		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5152039	9							9					
Blank Titer:	0.0003068	10							10					
THIO N:	0.235 215	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					
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 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: 2016-45	1		114	3059	10.9	5.211		1					
Event: 076	2		115	1409	10.7	5.170*		2		3041	10.7	5.161	
Station: 31	3		116	3072	10.7	5.171		3					
Event Date (Local): 1/5/16	4		117	3054	10.9	5.492		4					
Analysis Date (Local): 1/5/16	5		118	3044	12.1	7.433		5					
Analyst: H.M.	6		119	3051	12.6	8.128		6					
Stdization Date (Local): 30/4/16	7		120	3046	13.5	8.305		7					
KIO ₃ N: 0.0121005	8							8					
Standard Titer: 0.1512039	9							9					
Blank Titer: 0.0003068	10							10					
THIO N: 0.235215	11							11					
Sample Flask Water Seal? Yes No	12							12					
Reagent Change? MnCl₂ NaI/NaOH H₂SO₄ KIO₃ THIO	13							13					
(Please circle reagent that was changed prior to sampling and standardization)	14							14					
NOTE NEW BATCH IN LOG BOOK	15							15					
	16							16					
	17							17					
	18							18					
	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 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:	2016-45	1		121	1050			* DID NOT FIRE	1					
Event:	085	2		122	658	10.9	4.808	*	2	122	3114	10.7	4.810	
Station:	24	3		123	3061	10.7	4.820		3					
Event Date (Local):	1/5/16	4		124	3108	10.8	5.445		4					
Analysis Date (Local):	1/5/16	5		125	3106	12.9	8.342		5					
Analyst:	H. M.	6		126	3110	13.7	8.524		6					
Stdization Date (Local):	30/4/16	7		127	468	14.5	8.339		7					
KIO ₃ N:	0.0121005	8							8					
Standard Titer:	0.5152039	9							9					
Blank Titer:	0.0003068	10							10					
THIO N:	0.235215	11							11					
Sample Flask Water Seal?	Yes No	12							12					
Reagent Change?	MnCl ₂	13							13					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	14							14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15							15					
	KIO ₃	16							16					
	THIO	17							17					
Notes:		18							18					
		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 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:	2016-45	1		128	1050	10.2	3.300	*	1	128	658	10.1	3.305	
Event:	088	2		129	3114	9.9	3.845		2					
Station:	34	3		130	3061	9.7	4.194		3					
Event Date (Local):	2/5/16	4		131	3108	9.9	4.230		4					
Analysis Date (Local):	2/5/16	5		132	3106	10.0	4.720		5					
Analyst:	H.M.	6		133	3110	10.3	5.306		6					
Stdization Date (Local):	2/5/16	7		134	468	12.4	8.116		7					
KIO ₃ N:	0.0121005	8		135	3101	13.0	8.645		8					
Standard Titer:	0.5146194	9		136	2087	13.5	8.386		9					
Blank Titer:	0.0002427	10							10					
THIO N:	0.23523	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					

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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: -2016-45		1		137	2063	10.1	4.138		1					
Event: 091		2		138	458	10.0	4.121 *		2	138	1416	9.9	4.112	
Station: 35		3		139	3098	9.9	4.149		3					
Event Date (Local): 2/5/16		4		140	2092	10.9	4.832		4					
Analysis Date (Local): 2/5/16		5		141	1442	10.9	5.233		5					
Analyst: H.M.		6		142	3103	10.1	5.978		6					
Stdization Date (Local): 2/5/16		7		143	3094	13.0	8.808		7					
KIO ₃ N: 0.0121005		8		144	2090	13.7	8.857		8					
Standard Titer: 0.5146194		9							9					
Blank Titer: 0.0002427		10							10					
THIO N: 0.23523		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)		15							15					
NOTE NEW BATCH IN LOG BOOK		16							16					
		17							17					
		18							18					
		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

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Cruise Number:	2016-45	1			145	1417	10.5	3.856		1					
Event:	094	2			146	462	10.1	4.299		2					
Station:	36	3			147	371	10.1	4.237		3					
Event Date (Local):	2/5/16	4			148	2049	10.3	4.670		4	148	2049	10.3	4.665	
Analysis Date (Local):	3/5/16	5			149	3089	10.9	5.302		5					
Analyst:	H.M.	6			150	3095	11.6	6.646		6					
Stdization Date (Local):	2/5/16	7			151	2088	12.6	8.075		7					
KIO ₃ N:	0.0121005	8			152	3107	13.5	8.637		8					
Standard Titer:	0.5146194	9								9					
Blank Titer:	0.0002427	10								10					
THIO N:	0.23523	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					
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:	2016-45						1			153	3075	10.8	3.066		1					
Event:	097						2			154	3031	10.4	4.058		2					
Station:	37						3			155	552	10.3	4.229*		3	155	3109	10.2	4.228	
Event Date (Local):	2/5/16						4			156	3074	10.4	4.630		4					
Analysis Date (Local):	3/5/16						5			157	3119	10.9	5.278		5					
Analyst:	H.A.						6			158	3076	12.3	7.756		6					
Stdization Date (Local):	2/5/16						7			159	2020	13.0	8.695	bubble in sample, retake	7	159	2020	13.0		
KIO ₃ N:	0.0121005						8			160	3052	13.9	8.742		8					
Standard Titer:	0.5146194						9								9					
Blank Titer:	0.0002427						10								10					
THIO N:	0.23523						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						
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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