

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:	2018-30	1	✓	✓	1	528	9.3	1.911		1					
Event:	2	2	✓	✓	2	3114	9.3	2.859		2					
Station:	SI	3	✓	✓	3	3148	9.5	4.120		3					
Event Date (Local):	11 JUN 2018	4	✓	✓	4A	3190	9.5	4.509		4	4B	3093	9.5	4.508	
Analysis Date (Local):	11 JUN 2018	5	✓	✓	5	2098	10.1	4.587		5					
Analyst:	MB	6	✓	✓	6	708	10.2	4.623		6					
Stdization Date (Local):	11 JUN 2018	7	✓	✓	7	3146	10.6	4.936		7					
KIO ₃ N:	0.0118108	8	✓	✓	8	3053	11.9	6.208		8					
Standard Titer:	0.47442	9	✓	✓	9	611	12.2	6.567		9					
Blank Titer:	0.0004471	10								10					
THIO N:	0.249319	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.

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:	2018-30						1	✓	✓	T0	S25	8.4	2.944		1					
Event:	4						2	✓	✓	11	3114	8.4	2.956		2					
Station:	59						3	✓	✓	12A	3148	8.5	3.016	⇒	3	12B	3170	8.5	3.027	
Event Date (Local):	11 Jun 2018						4	✓	✓	13	3093	8.5	3.029		4					
Analysis Date (Local):	11 Jun 2018						5	✓	✓	14	3138	8.6	3.223		5					
Analyst:	mB						6	✓	✓	15	2098	8.9	3.563		6					
Stdization Date (Local):	11 Jun 2018						7	✓	✓	16	708	9.5	4.248		7					
KIO ₃ N:	0.0118102						8	✓	✓	17	3146	9.9	4.727		8					
Standard Titer:	0.474142						9	✓	✓	18A	3053	10.0	4.849	⇒	9	18B	611	10.0	4.842	
Blank Titer:	0.0004171						10	✓	✓	19	510	10.1	4.930		10					
THIO N:	0.249319						11	✓	✓	20	612	10.1	4.988		11					
Sample Flask Water Seal?	Yes						12	✓	✓	21	745	10.2	5.044		12					
	No						13	✓	✓	22	3038	10.2	5.088		13					
Reagent Change?	MnCl ₂						14	✓	✓	23	3209	10.2	5.101		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.

SPARROW

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 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: 2018-30	1		24	528	7.3	1.636	OT'd.	1					
Event: 8	2		25	3114	7.3	1.723		2					
Station: 102	3		26A	3148	7.4	1.706	→	3	26B	3190	7.5	1.703	
Event Date (Local): JUNE 12	4		27	3093	7.5	1.742		4					
Analysis Date (Local): 12 JUN 2018	5		28	3138	7.6	1.842		5					
Analyst: MB	6		29	2098	7.9	2.135		6					
Stdization Date (Local): 11 JUN 2018	7		30	708	8.6	3.254		7					
KIO ₃ N: 0.0118108	8		31	3146	8.7	3.469		8					
Standard Titer: 0.474442	9		32	3053	9.4	4.230		9					
Blank Titer: 0.004471	10		33	611	9.8	4.761		10					
THIO N: 0.24939	11		34A	510	9.7	4.603	→ 13 sampled first	11	34B	612	9.7	4.606	
Sample Flask Water Seal? Yes	12		35	745	10.6	6.475		12					
	13		36	3038	11.3	8.341		13					
Reagent Change? MnCl ₂	14		37	3209	11.3	8.340		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					
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	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:	2018-30	1			38	3056	1.5	1.716		1					
Event:	11	2			39	1059	1.4	1.706		2					
Station:	Sta 75	3			40	3150	1.5	1.700		3					
Event Date (Local):	12 June 18	4			41	3021	1.5	1.681		4					
Analysis Date (Local):	12 Jun 2018	5			42A	3104	1.5	1.767	→	5	42B	1053	1.8	1.775	
Analyst:	MB	6			43	3134	1.5	2.109		6					
Stdization Date (Local):	11 Jun 2018	7			44	639	8.3	2.740		7					
KIO ₃ N:	0.018108	8			45	2073	8.9	3.569		8					
Standard Titer:	0.474442	9			46	620	9.3	4.088		9					
Blank Titer:	0.000471	10			47	3034	9.4	4.090		10					
THIO N:	0.24319	11			48	2084	9.7	4.406		11					
Sample Flask	Yes	12			49	715	10.8	6.227		12					
Water Seal?	No	13			50A	1002	10.9	6.804	→	13	50B	3035	10.9	6.800	
Reagent Change?	MnCl ₂	14			51	2075	11.0	6.903		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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences

Water Properties Group

Swallow

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:	2018-30	1			52	528	7.3	1.681		1					
Event:	15	2			53	3114	1.3	1.657		2					
Station:	72	3			54	3190	1.4	1.697		3					
Event Date (Local):	12 June 2018	4			55	3148	1.9	2.175		4					
Analysis Date (Local):	12 JUN 2018	5			56a	3093	8.0	2.350	⇒	5	56b	3138	8.0	2.346	
Analyst:	MB	6			57a	2098	8.2	2.519	⇒	6	57b	708	8.1	2.518	
Stdization Date (Local):	11 JUN 2018	7			58	3146	9.1	3.731		7					
KIO ₃ N:	0.0118108	8			59	3053	9.3	3.944		8					
Standard Titer:	0.474442	9			60	611	9.6	4.308		9					
Blank Titer:	0.0004471	10			61	510	9.8	4.718		10					
THIO N:	0.249317	11			62	612	10.3	5.400		11					
Sample Flask Water Seal?	Yes	12			63	745	10.5	6.190		12					
	No	13			64	3038	10.9	7.07	bottom a little jar	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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

OLYDPOUS

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:	2018-30	1			6S	3554	7.5	1.787		1					
Event:	18	2			66A	1059	7.4	1.788	⇒ LEAKY TOP	2	66B	3150	7.5	1.788	
Station:	69	3			67	3021	7.4	1.784		3					
Event Date (Local):	12 JUN 2018	4			68	3104	7.5	1.811	OT'd	4					
Analysis Date (Local):	12 JUN 2018	5			69	1053	8.1	2.482		5					
Analyst:	MS	6			70	3134	8.7	3.250		6					
Stdization Date (Local):	11 JUN 2018	7			71A	639	9.1	3.677	⇒	7	71B	2013	9.1	3.680	
KIO ₃ N:	0.0118108	8			72	620	9.6	4.352		8					
Standard Titer:	0.574442	9			73	304	9.9	5.042		9					
Blank Titer:	0.0004171	10			74	2084	10.2	5.621		10					
THIO N:	0.249319	11			75	715	10.4	6.193		11					
Sample Flask Water Seal?	Yes	12			76	1002	10.5	6.214		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					

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: January 2017



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:	2018-30	1			77	528	7.8	2.200							1					
Event:	22	2			78	3114	8.1	2.573							2					
Station:	ADCP	3			79	3120	8.3	2.739							3					
Event Date (Local):	12 Jun 2018	4			80A	3148	8.8	3.477							4	80B	3093	8.8	3.477	
Analysis Date (Local):	12 Jun 2018	5			81	3138	9.0	3.675							5					
Analyst:	MB	6			82	2098	9.0	3.696							6					
Stdization Date (Local):	11 Jun 2018	7			83	708	9.2	3.831							7					
KIO ₃ N:	0.0118108	8			84A	3144	9.5	4.326							8	84B	3063	9.5	4.328	
Standard Titer:	0.474442	9			85	611	10.2	5.798							9					
Blank Titer:	0.0004471	10			86	510	10.4	6.361							10					
THIO N:	0.249319	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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Octopus

Last Updated: January 2017



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:	2018-30	1		87	3086	8.1	2.461		1					
Event:	25	2		88	1059	8.2	2.566		2					
Station:	b5	3		89	3150	8.5	3.086		3					
Event Date (Local):	13 JUN 2018	4		90	3021	9.1	3.748		4					
Analysis Date (Local):	13 JUN 2018	5		91A	3104	9.2	3.762	⇒	5	91B	1053	9.1	3.760	sample B First
Analyst:	MS	6		92	3134	9.3	3.848		6					
Stdization Date (Local):	13 JUN 2018	7		93	639	10.0	4.827		7					
KIO ₃ N:	0.0118108	8		94	2013	10.2	5.055	} note samples run in different order	8					
Standard Titer:	0.4746	9		95A	6020	10.3	5.306		9	75B	3034	10.3	5.296	sample B done before A
Blank Titer:	0.0004471	10		96	2084	10.3	5.361	Re-run this tip not in flask	10					↑ re-run, this tip not in sample
THIO N:	0.249205	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.

Octopoodle

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: 2018-30		1			100	1002	8.3	2.726		1					
Event: 29		2			101	3035	8.4	2.854		2					
Station: 62		3			102	2075	8.5	2.959		3					
Event Date (Local): 13 June 18		4			103	3061	8.6	3.081		4					
Analysis Date (Local): 13 June 2018		5			104A	3108	9.2	3.829	→	5	104B	647	9.2	3.824	
Analyst: MB		6			105	1054	9.5	4.244		6					
Stdization Date (Local): 13 Jun 2018		7			106	631	9.7	4.515		7					
KIO ₃ N: 0.0118108		8			107	3125	9.7	4.583		8					
Standard Titer: 0.476079		9	9B		108A	657	10.0	5.099	→	9	638	688	10.0	5.095	
Blank Titer: 0.0004471		10	PA		109	638	10.0		Sample compromised and lost	10		10.0			
THIO N: 0.249205		11	20	10A	110	3007	10.2			11					
Sample Flask Water Seal? ☒ Yes ☐ No		12	11		110	690	10.3	5.509		12					
Reagent Change? MnCl ₂		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					
Notes:		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

Institute of Ocean Sciences
Water Properties Group

Hirundo rustica (erythrogaster)

Last Updated: January 2017



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: 2018-30	1			111	528	9.3	3.789							1					
Event: 34	2			112	3114	9.3	3.721							2					
Station: 56	3			113	3190	9.3	3.755							3					
Event Date (Local): June 13	4			114	3148	9.3	3.755							4					
Analysis Date (Local): 13 Jun 2018	5			115	3093	9.3	3.783							5					
Analyst: MS	6			116A	3138	9.3	3.874 →							6	116B	2098	9.3	3.875	
Stdization Date (Local): 13 Jun 2018	7			117	708	9.7	4.185							7					
KIO ₃ N: 0.018108	8			118	3146	9.7	4.254							8					
Standard Titer: 0.4746079	9			119	3053	9.7	4.265							9					
Blank Titer: 0.0004471	10			120	611	9.7	4.313							10					
THIO N: 0.29205	11			121	510	9.9	4.434							11					
Sample Flask Water Seal? Yes	12			122A	745	10.4	4.751 →							12	122B	612	10.3	4.751	
Reagent Change? MnCl ₂	13			123	3038	10.5	4.824	LEAKY TOP						13					
(Please circle reagent that was changed prior to sampling and standardization)	14			124	3209	10.8	4.853							14					
NOTE NEW BATCH IN LOG BOOK	15													15					
	16													16					
	17													17					
	18													18					
Notes:	19													19					
Kelly ran samples 3-14	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

Institute of Ocean Sciences
Water Properties Group

OCTOPUS

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:	2018-30	1			125	306	9.3	3.679		1					
Event:	45	2			126	1059	9.3	3.745		2					
Station:	46	3			127	3150	9.4	3.946		3					
Event Date (Local):	13 Jun 2018	4			128	3021	9.6	4.249	→	4	128B	3104	9.6	4.250	
Analysis Date (Local):	13 Jun 2018	5			129	1053	9.5	4.344		5					
Analyst:	MB	6			130	3134	9.7	4.491		6					
Stdization Date (Local):	13 Jun 2018	7			131	659	9.9	4.516		7					
KIO ₃ N:	0.0118108	8			132	2013	10.1	4.592		8					
Standard Titer:	0.4746079	9			133	620	11.1	5.162		9					
Blank Titer:	0.0004471	10			134	5001	12.9	6.532	→	10					
THIO N:	0.249205	11			135A	2084	15.0	7.125	→ low end-point bloom?	11	135B	715	15.0	7.056	low end-point bloom?
Sample Flask Water Seal?	Yes	12			136	1002	15.4	7.081	very low EP phyto in water?	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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Swallow

Last Updated: January 2017



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: 2018-30		1		137	528	9.2	3.340		1					
Event: 50		2		138	3114	9.2	3.388		2					
Station: 42		3		139	3910	9.3	3.386		3					
Event Date (Local): 14 JUN 2018		4		140	3148	9.2	3.757		4					
Analysis Date (Local): 14 JUN 2018		5		141	3093	9.3	3.885		5					
Analyst: MB		6		142	3138	9.3	3.889		6					
Stdization Date (Local): 13 JUN 2018		7		143A	2098	8.9	4.260	⇒	7	143B	708	8.9	4.253	
KIO ₃ N: 0.018108		8		144	3146	8.0	4.175		8					
Standard Titer: 0.4746079		9		145	3053	9.0	4.114		9					
Blank Titer: 0.004471		10		146	611	9.3	4.235		10					
THIO N: 0.249205		11		147	510	9.7	4.344		11					
Sample Flask Water Seal? ☒ Yes ☐ No		12		148	745	10.3	4.417		12					
Reagent Change? MnCl ₂		13		149	612	10.7	4.835		13					
(Please circle reagent that was changed prior to sampling and standardization)		14		150A	3038	11.8	5.437	⇒	14	150B	3209	11.9	5.437	
NOTE NEW BATCH IN LOG BOOK		15		151	3043	13.2	6.791	low CP, colour in water	15					
		16		152	312	14.0	6.842	" "	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

Institute of Ocean Sciences
Water Properties Group

Shark

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:	2018-30	1			153	331	9.3	3.489		1					
Event:	56	2			154	2014	9.3	3.608		2					
Station:	39	3			155	1311	9.3	3.459		3					
Event Date (Local):	June 14	4			156	557	9.3	3.467	OT'd	4					
Analysis Date (Local):	14 JUN 2018	5			157	3173	9.3	3.715		5					
Analyst:	MB	6			158	547	9.4	3.930		6					
Stdization Date (Local):	13 JUN 2018	7			159A	1050	9.3	3.993	→	7	159B	1472	9.3	3.993	
KIO ₃ N:	0.018108	8			160	3051	9.1	4.105		8					
Standard Titer:	0.4746079	9			161	1402	9.1	4.212	OT'd	9					
Blank Titer:	0.0004471	10			162	730	9.1	4.159		10					
THIO N:	0.249205	11			163	3118	9.9	4.339		11					
Sample Flask Water Seal?	Yes	12			164	3025	10.3	4.386		12					
Reagent Change?	MnCl ₂	13			165A	339	10.6	4.711	→ B sampled First	13	165B	3030	10.6	4.704	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	14			166	658	11.8	5.559		14					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	15			167	3091	12.7	5.995		15					
	KIO ₃	16			168	3199	14.7	6.755		16					
	THIO	17			169	3155			Bottle Did NOT close	17					
Notes:		18								18					
		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

Institute of Ocean Sciences
Water Properties Group

Octopus.

Last Updated: January 2017



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:	2018-30						1			170	3056	9.2	3.638		1						
Event:	64						2			171	1059	9.1	3.573		2						
Station:	27						3			172	350	9.3	2.956		3						
Event Date (Local):	14 June 2018						4			173	3021	9.0	3.572		4						
Analysis Date (Local):	14 June 2018						5			174	3104	8.9	3.945		5						
Analyst:	MB						6			175A	1053	8.7	4.112	→	6	175B	3134	8.8	4.106		
Stdization Date (Local):	13 June 2018						7			176	639	8.7	4.250		7						
KIO ₃ N:	0.0118105						8			177	2073	8.6	4.263		8						
Standard Titer:	0.4746079						9			178	620	8.7	4.168		9						
Blank Titer:	0.00044						10			179	3034	8.9	4.104		10						
THIO N:	0.249205						11			180	2084	9.1	3.913		11						
Sample Flask Water Seal?	Yes						12			181A	715	9.3	4.128	→	12	181B	1002	9.2	4.127		
Reagent Change?	MnCl ₂						13			182	3035	10.7	4.789		13						
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH						14			183	2075	12.4	5.558		14						
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄						15			184	3061	15.7	6.752		15						
	KIO ₃						16			185	647	16.7	6.748		16						
	THIO						17								17						
Notes:							18								18						
							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

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



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:	208-30						1			186	3131	9.3	2.949		1					
Event:	70						2			187	2014	9.3	2.868	LEAKY TOP CAP	2					
Station:	2						3			188A	1311	9.0	3.691	⇒	3	188B	557	9.1	3.692	
Event Date (Local):	14JUN2018						4			189	3173	8.9	3.838		4					
Analysis Date (Local):	14JUN2018						5			190	547	8.9	4.169		5					
Analyst:	MB						6			191	1050	8.8	4.262		6					
Stdization Date (Local):	13JUN2018						7			192	1472	8.8	4.253		7					
KIO ₃ N:	0.0118108						8			193	3051	8.8	4.209		8					
Standard Titer:	0.4746073						9			194	1402	9.6	4.020		9					
Blank Titer:	0.0004471						10			195	730	10.4	4.235		10					
THIO N:	0.249205						11			196	3118	10.5	4.403		11					
Sample Flask Water Seal?	Yes						12			197	3025	11.2	4.868	OT'd.	12					
	No						13			198	339	13.3	6.062		13					
Reagent Change?	MnCl ₂						14			199A	3030	15.0	6.663	⇒	14	199B	658	15.0	6.666	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH						15			200	3071	15.8	6.753		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.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



OCTOPUS

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:	2018-30	1			201	3056	9.3	2.871		1					
Event:	75	2			202	1059	9.3	2.790		2					
Station:	3	3			203	3150	9.3	2.793		3					
Event Date (Local):	14 JUN 2018	4			204	3021	9.1	3.125		4					
Analysis Date (Local):	14 JUN 2018	5			205	3104	9.0	3.365		5					
Analyst:	MB	6			206	1053	8.8	3.867		6					
Stdization Date (Local):	13 JUN 2018	7			207A	3134	8.7	4.235	⇒	7	207B	639	8.7	4.234	B sampled first
KIO ₃ N:	0.0118108	8			208	2013	8.7	4.185		8					
Standard Titer:	0.4746079	9			209	620	8.7	4.140		9					
Blank Titer:	0.0014471	10			210A	3084	9.1	3.967	⇒	10	210B	2084	9.2	3.966	1B
THIO N:	0.249205	11			211	715	9.5	3.970		11					
Sample Flask Water Seal?	Yes	12			212	1012	9.8	4.134		12					
	No	13			213	3035	11.0	4.731		13					
Reagent Change?	MnCl ₂	14			214	2015	13.3	6.176		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			215	3041	15.4	6.770		15					
	H ₂ SO ₄	16			216	647	15.8	6.796		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.