

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Last Updated: December 2019

Cruise and Analysis Information		Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2021-008	1		4	557	7.1	0.647		1					
Event:	8	2		5A	2014	7.7	1.435		2	5B	339	7.7	1.436	
Station:	P1	3		6	658	12.5	6.284		3					
Event Date (Local):	25 Aug 2021	4				12.5			4					
Analysis Date (Local):	26 Aug 2021	5		4	5A				5					
Analyst:	KS	6		OXY	OXY				6					
Stdization Date (Local):	26 Aug 2021	7		P1	P1				7					
KIO ₃ N:	0.0118025	8		2021-008	2021-008				8					
Standard Titer:	0.49338	9		Bot-10 m	30 m				9					
Blank Titer:	0.00041	10		bot 1	bot 2				10					
THIO N:	0.239247	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 Number:	2021-008	1		20	3051	7.2	0.663		1					
Event:	12	2		21	1035	7.2	0.651		2					
Station:	P2	3		22	931	7.5	1.618		3					
Event Date (Local):	25 Aug 2021	4		23	3040	7.5	1.632		4					
Analysis Date (Local):	26 Aug 2021	5		24A	3176	7.9	1.973		5	24B	1472	8.0	1.972	
Analyst:	KS	6		25	3118	8.6	2.813		6					
Stdization Date (Local):	26 Aug 2021	7		26	1402	11.5	6.689		7					
KIO ₃ N:	0.0118025	8		27	3025	12.4	8.110		8					
Standard Titer:	0.00041	9		20	21	22	23	24A	24B	25	26	27		
Blank Titer:	0.239247	10		OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY		
THIO N:	0.49338	11		P2	P2	P2	P2	P2	P2	P2	P2	P2		
Sample Flask Water Seal?	Yes	12		2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008		
	No	13		Bot-10 m	100 m	75 m	75 m	50 m	50 m	25 m	10 m	5 m		
Reagent Change?	MnCl ₂	14		bot 1	bot 2	bot 3	bot 4	bot 5	bot 5	bot 6	bot 7	bot 8		
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15												
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16												
	KIO ₃	17												
	THIO	18												
Notes:		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.

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Cruise and Analysis Information							Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2021-008	1		48	456	4.6	0.500							1					
Event:	19	2		49	2098	4.8	0.413							2					
Station:	P4	3		50	611	4.7	0.412							3					
Event Date (Local):	26 August 2021	4		51	3029	5.2	0.244							4					
Analysis Date (Local):	26 August 2021	5		52	2007	5.7	0.208							5					
Analyst:	KS	6		53A	3041	5.9	0.410							6	53B	3155	6.0	0.440	
Standardization Date (Local):	26 Aug 2021	7		54	3120	6.3	1.114							7					
KIO ₃ N:	0.0118025	8		55	622	6.7	1.816							8					
Standard Titer:	0.49338	9		56	3044	6.9	2.250							9					
Blank Titer:	0.00041	10		57	3101	7.5	2.575							10					
THIO N:	6.239247	11		58A	3078	7.4	2.877							11	58B	3078	7.5	2.870	
Sample Flask Water Seal?	Yes	12		59	3131	7.6	2.597							12					
	No	13		60	3079	7.7	2.853							13					
Reagent Change?	MnCl ₂	14		61	3142	7.9	3.547							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		62	2065	7.9	4.406							15					
	H ₂ SO ₄	16		63A	3133	8.2	6.071							16	63B	3158	8.3	6.076	
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17		64	3005	11.1	6.161							17					
	THIO	18		65	2049	12.9	6.268							18					
Notes:		19		66	1406	14.1	6.371							19					

48	49	50	51	52	53A	53B	54	55	56	57	58A	58B	59	60	61	62
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4	P4
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
Bot-10 m	1250 m	1250 m	1000 m	800 m	600 m	600 m	400 m	300 m	250 m	200 m	175 m	175 m	150 m	125 m	100 m	75 m
bot 1	bot 2	bot 3	bot 4	bot 5	bot 6	bot 6	bot 7	bot 8	bot 9	bot 10	bot 11	bot 11	bot 12	bot 13	bot 14	bot 15

63A	63B	64	65	66
OXY	OXY	OXY	OXY	OXY
P4	P4	P4	P4	P4
2021-008	2021-008	2021-008	2021-008	2021-008
50 m	50 m	25 m	10 m	5 m
bot 16	bot 16	bot 17	bot 18	bot 19

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Cruise Number:	2021-008	1		87	2016	3.1	1.345		1					
Event:	28	2		88A	3173	3.6	0.615		2	88B	3116	3.8	0.603	
Station:	P8	3		89	3090	4.0	0.369		3					
Event Date (Local):	26 Aug 2021	4		90	2015	4.6	0.252		4					
Analysis Date (Local):	28 Aug 2021	5		91	3036	5.1	0.290		5					
Analyst:	KS	6		92	1422	5.6	0.473		6					
Stdization Date (Local):	26 Aug 2021	7		93	712	6.1	1.426		7					
KIO ₃ N:	0.0118025	8		94	1416	6.5	2.374		8					
Standard Titer:	0.49338	9		95A	2094	6.9	2.854		9	95B	3054	7.1	2.853	Noix @ infection OT ✓
Blank Titer:	0.00041	10		96	2025	7.3	3.240		10					
THIO N:	0.239247	11		97	1408	7.4	3.298		11					
Sample Flask Water Seal?	Yes	12		98	3010	7.7	3.556		12					
	No	13		99A	458	8.0	3.982		13	99B	1442	8.1	3.981	
Reagent Change?	MnCl ₂	14		100	3038	8.2	5.021		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		101	3162	8.4	6.415		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		102	3094	8.8	6.468		16					
	KIO ₃	17		103	3143	10.3	6.105		17					
	THIO	18		104	3175	11.3	6.100		18					
Notes:		19		105A	3144	11.8	6.264		19	105B	3121	11.9	6.268	
		20		106	3192	12.1	6.341		20					
		21		107	3083	12.5	6.418		21					
		22		108	3164	13.2	6.500		22					
		23		109	612	14.5	6.381		23					
		24		110	3135	15.3	6.188		24					

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87	88A	88B	89	90	91	92	93	94	95A	95B	96	97	98	99A	99B
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
2000 m	1500 m	1500 m	1250 m	1000 m	800 m	600 m	400 m	300 m	250 m	250 m	200 m	175 m	150 m	125 m	125 m
bot 1	bot 2	bot 2	bot 3	bot 4	bot 5	bot 6	bot 7	bot 8	bot 9	bot 9	bot 10	bot 11	bot 12	bot 13	bot 13
100	101	102	103	104	105A	105B	106	107	108	109	110				
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY				
P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8	P8				
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008				
100 m	75 m	60 m	50 m	40 m	30 m	30 m	25 m	20 m	15 m	10 m	5 m				
bot 14	bot 15	bot 16	bot 17	bot 18	bot 19	bot 19	bot 20	bot 21	bot 22	bot 23	bot 24				

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Cruise Number:	2021-008	1		138A	557	2.2	2.281		1	138B	2014	2.5	2.272	
Event:	37	2		139	339	2.4	2.272	2.274	2					
Station:	P12	3		140	658	2.4	2.264		3					
Event Date (Local):	27 Aug 2021	4		141	730	2.6	1.870		4					
Analysis Date (Local):	28 Aug 2021	5		142	3051	2.9	1.330		5					
Analyst:	KS	6		143A	1035	3.3	0.625		6	143B	931	3.6	0.629	
Stdization Date (Local):	26 Aug 2021	7		144	3040	3.9	0.631	0.361 - Entered incorrectly	7					
KIO ₃ N:	0.0118025	8		145	3176	4.3	0.250		8					
Standard Titer:	0.49338	9		146	1472	4.8	0.304		9					
Blank Titer:	0.00041	10		147	3118	5.4	0.680		10					
THIO N:	0.239247	11		148	1402	5.9	1.662		11					
Sample Flask Water Seal?	Yes	12		149	3025	6.3	2.539	- E.P. late. OT ✓	12					
	No	13		150A	2056	6.7	3.294	- E.P. late. OT ✓	13	150B	3067	6.9	3.297	
Reagent Change?	MnCl ₂	14		151	3068	7.3	4.224		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		152	3013	7.6	4.522		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		153	1418	7.9	4.792		16					
	KIO ₃	17		154	1457	8.3	5.713		17					
	THIO	18		155	1023	8.5	6.560		18					
Notes:		19		156	3075	9.2	6.504		19					
		20		157	437	10.9	-99.	- spilled portion of sample. Discarded	20					
		21		158	1432	16.9	5.776		21					
		22		159	3031	17.1	5.776		22					
		23		160A	528	17.2	5.769		23	160B	1401	17.2	5.776	
		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.

138A	138B	139	140	141	142	143A	143B	144	145	146	147	148	149	150A	150B
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
Bot-10 m	Bot-10 m	3000 m	3000 m	2500 m	2000 m	1500 m	1500 m	1250 m	1000 m	800 m	600 m	400 m	300 m	250 m	250 m
bot 1	bot 1	bot 2	bot 3	bot 4	bot 5	bot 6	bot 6	bot 7	bot 8	bot 9	bot 10	bot 11	bot 12	bot 13	bot 13
151	152	153	154	155	156	157	158	159	160A	160B					
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY					
P12	P12	P12	P12	P12	P12	P12	P12	P12	P12	P12					
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008					
200 m	175 m	150 m	125 m	100 m	75 m	50 m	25 m	10 m	5 m	5 m					
bot 14	bot 15	bot 16	bot 17	bot 18	bot 19	bot 20	bot 21	bot 22	bot 23	bot 23					

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Cruise Number:	2021-008	1		207	425	2.7	2.706							1						
Event:	46	2		208	1465	2.1	2.692							2						
Station:	P16	3		209	690	2.1	2.680							3						
Event Date (Local):	29 August 2021	4		210A	429	2.2	2.384	→						4	210B	2087	2.4	2.381		
Analysis Date (Local):	01 Sept. 2021	5		211	1378	2.4	1.854							5						
Analyst:	KS	6		212	196	2.6	1.305							6						
Stdization Date (Local):	01 Sept. 2021	7		213	933	3.1	0.518							7						
KIO ₃ N:	0.0118025	8		214	3008	3.4	0.314							8						
Standard Titer:	0.49342	9		215	1015	3.9	0.245							9						
Blank Titer:	0.00032	10		216A	569	4.3	0.361	→						10	216B	3007	4.5	0.354		
THIO N:	0.23920	11		217	2000	4.7	0.660							11						
Sample Flask Water Seal?	Yes	12		218	1053	5.2	1.302							12						
	No	13		219	2069	5.7	2.111							13						
Reagent Change?	MnCl ₂	14		220	691	5.9	2.556							14						
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		221	2040	6.3	3.206							15						
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		222	1019	6.5	3.511							16						
	KIO ₃	17		223	94	6.7	3.962							17						
	THIO	18		224A	2075	6.7	5.737	→						18	224B	2088	6.5	5.733		
Notes:		19		225	650	6.8	6.682							19						
		20		226	1470	7.4	6.784							20						
		21		227	2090	8.7	7.000							21						
		22		228	438	15.2	5.978							22						
		23		229	3070	15.6	5.909							23						
		24		230	3108	15.6	5.919	→						24	230B	1322	15.7	5.923		

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207	208	209	210A	210B	211	212	213	214	215	216A	216B	217	218	219	220
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
Bot-10 m	3500 m	3500 m	3000 m	3000 m	2500 m	2000 m	1500 m	1250 m	1000 m	800 m	800 m	600 m	400 m	300 m	250 m
bot 1	bot 2	bot 3	bot 4	bot 4	bot 5	bot 6	bot 7	bot 8	bot 9	bot 10	bot 10	bot 11	bot 12	bot 13	bot 14

221	222	223	224A	224B	225	226	227	228	229	230A	230B
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16	P16
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
200 m	175 m	150 m	125 m	125 m	100 m	75 m	50 m	25 m	10 m	5 m	5 m
bot 15	bot 16	bot 17	bot 18	bot 18	bot 19	bot 20	bot 21	bot 22	bot 23	bot 24	bot 24

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Cruise Number:	2021-008	1		324	557	2.0	2.976		1					
Event:	57	2		325	2014	2.0	2.839		2					
Station:	P20	3		326	339	2.1	2.830		3					
Event Date (Local):	30 August 2021	4		327	658	2.1	2.465		4					
Analysis Date (Local):		5		328A	730	2.4	1.900		5	328B	3051	2.0	1.898	
Analyst:	KS	6		329	1035	2.6	1.236		6					
Stdization Date (Local):	01 Sept. 2021	7		330	931	3.1	0.523		7					
KIO ₃ N:	0.0118025	8		331	3040	3.3	0.374		8					
Standard Titer:	0.49342	9		332	3176	3.8	0.342		9					
Blank Titer:	0.00032	10		333A	1472	4.2	0.369		10	333B	3118	4.5	0.372	
THIO N:	0.23920	11		334	1402	4.8	0.552		11					
Sample Flask Water Seal?	Yes	12		335	3025	5.3	1.141		12					
	No	13		336	2056	5.6	1.873		13					
Reagent Change?	MnCl ₂	14		337	3067	5.9	2.424		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		338A	3068	6.3	3.020	Flask was cracked. Value high	15	338B	3013	6.4	2.989	
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		339	1418	6.5	3.427		16					
	KIO ₃	17		340	1457	6.7	4.342		17					
	THIO	18		341	1023	6.3	6.675		18					
Notes:		19		342	3075	6.7	6.818		19					
		20		343	437	7.2	6.736		20					
22 - Sword Fish.xlsx		21		344	1432	7.9	6.880		21					
		22		345A	3031	13.2	6.459	EP very late. Runaway. OT ✓	22	345B	528	13.3	6.460	
		23		346	1401	14.6	6.104		23					
		24		347	3055	14.4	6.103		24					

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324	325	326	327	328A	328B	329	330	331	332	333A	333B	334	335	336	337
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
Bot-10 m	3500 m	3500 m	3000 m	2500 m	2500 m	2000 m	1500 m	1250 m	1000 m	800 m	800 m	600 m	400 m	300 m	250 m
bot 1	bot 2	bot 3	bot 4	bot 5	bot 5	bot 6	bot 7	bot 8	bot 9	bot 10	bot 10	bot 11	bot 12	bot 13	bot 14
338A	338B	339	340	341	342	343	344	345A	345B	346	347				
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY				
P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20	P20				
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008				
200 m	200 m	175 m	150 m	125 m	100 m	75 m	50 m	25 m	25 m	10 m	5 m				
bot 15	bot 15	bot 16	bot 17	bot 18	bot 19	bot 20	bot 21	bot 22	bot 22	bot 23	bot 24				

Dissolved Oxygen Analysis Log Sheet

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Cruise and Analysis Information		Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2021-008	1		454	456	2.1	3.183		1					
Event:	77	2		455	2098	2.2	3.133		2					
Station:	P26	3		456A	611	2.2	2.897		3	456B	3029	2.6	2.887	
Event Date (Local):	01 Sept 2021	4		457	2007	2.4	2.438		4					
Analysis Date (Local):	02 Sept 2021	5		458	3041	2.7	1.844		5					
Analyst:	KS	6		459	3155	2.9	1.163		6					
Stdization Date (Local):	01 Sept 2021	7		460	3120	3.3	0.568		7					
KIO ₃ N:	0.0118025	8		461A	622	3.5	0.433		8	461B	3044	3.9	0.434	
Standard Titer:	0.49342	9		462	3101	4.0	0.410		9					
Blank Titer:	0.00032	10		463	3078	4.5	0.497		10					
THIO N:	0.23920	11		464	3048	4.9	0.5998		11					
Sample Flask Water Seal?	Yes	12		465	3131	5.5	1.133		12					
	No	13		466	3079	5.7	1.765		13					
Reagent Change?	MnCl ₂	14		467	3142	5.6	2.266		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		468	2065	5.9	2.981		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		469A	3133	6.0	3.406		16	469B	3158	6.2	3.401	
	KIO ₃	17		470	3005	6.4	4.359		17					
	THIO	18		471	2049	6.7	5.715		18					
Notes:	23 Vent was loose (leaky)	19		472	1406	6.7	6.886		19					
		20		473	3037	7.5	7.063		20					
		21		474	3103	10.2	6.844		21					
		22		475	3059	14.3	6.075		22					
		23	X	476A	3080	14.5	6.054		23	476B	1459	14.6	6.055	
		24		477	3190	14.5	6.054		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.

454	455	456A	456B	457	458	459	460	461A	461B	462	463	464	465	466	467
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008
Bot-10 m	4000 m	3500 m	3500 m	3000 m	2500 m	2000 m	1500 m	1250 m	1250 m	1000 m	800 m	600 m	400 m	300 m	250 m
bot 1	bot 2	bot 3	bot 3	bot 4	bot 5	bot 6	bot 7	bot 8	bot 8	bot 9	bot 10	bot 11	bot 12	bot 13	bot 14
468	469A	469B	470	471	472	473	474	475	476A	476B	477				
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY				
P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26	P26				
2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	2021-008				
200 m	175 m	175 m	150 m	125 m	100 m	75 m	50 m	25 m	10 m	10 m	5 m				
bot 15	bot 16	bot 16	bot 17	bot 18	bot 19	bot 20	bot 21	bot 22	bot 23	bot 23	bot 24				

Dissolved Oxygen Analysis Log Sheet

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Cruise and Analysis Information		Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2021-008	1		501A	557	14.3	6.076		1	501B	2014	14.3	6.077	
Event:	81	2		502A	339	14.4	6.076		2	502B	658	14.4	6.078	
Station:	PA-015	3		503A	730	14.4	6.080	Runaway causing late E.P. OT ✓	3	503B	3051	14.4	6.077	
Event Date (Local):	01 Sept. 2021	4							4					
Analysis Date (Local):	02 Sept. 2021	5							5					
Analyst:	KS	6		501A	501B	502A	502B	503A	503B	6				
Stdization Date (Local):	01 Sept. 2021	7		OXY	OXY	OXY	OXY	OXY	OXY	7				
KIO ₃ N:	0.0118025	8		PA-015	PA-015	PA-015	PA-015	PA-015	PA-015	8				
Standard Titer:	0.49342	9		2021-008	2021-008	2021-008	2021-008	2021-008	2021-008	9				
Blank Titer:	0.00032	10		10 m	10 m	5 m	5 m	0 m	0 m	10				
THIO N:	0.13920	11		bot 1	bot 1	bot 2	bot 2	bot 3	bot 3	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.