

STN 003

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:	2022-068	1		1	131	5.8	0.764		1					
Event:	3	2		2	132	5.7	0.956		2					
Station:	WARSW1	3		3	133	5.8	1.373		3					
Event Date (Local):	09-09-22	4		4A	134	6.1	2.220	It is nice to	4	4B	135	6.3	2.210	
Analysis Date (Local):	Sept 11/2022	5		5	136	6.4	2.673	have a	5					
Analyst:	W	6		6	137	6.7	3.305	drama-free	6					
Stdization Date (Local):	Sept 10/2022	7		7	138	7.5	4.824	run	7					
KIO ₃ N:	0.121441	8		8	139	8.1	6.542		8					
Standard Titer:	0.49419	9		9A	140	9.1	6.726		9	9B	141	9.2	6.723	
Blank Titer:	0.00079	10		10	142	11.2	6.983		10					
THIO N:	0.24582	11		11	143	17.7	5.723		11					
Sample Flask Water Seal?	Yes	12		12	144	17.8	5.717		12					
	No	13		13	145	17.9	5.716		13					
Reagent Change?	MnCl ₂	14		14	146	17.9	5.714		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		15	147	17.8	5.713		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16							16					
	KIO ₃	17												
	THIO	18												
Notes:		19												
13 - Mermaid.xlsx		20												
		21												
		22												
		23												
		24												

1	2	3	4A	4B	5	6	7	8	9A	9B	10
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1	WARSW1
2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
b-10 m	500 m	400 m	300 m	300 m	250 m	200 m	150 m	100 m	75 m	75 m	50 m
bot 1	bot 2	bot 3	bot 4	bot 4	bot 5	bot 6	bot 7	bot 8	bot 9	bot 9	bot 10
11	12	13	14	15							
OXY	OXY	OXY	OXY	OXY							
WARSW1	WARSW1	WARSW1	WARSW1	WARSW1							
2022-068	2022-068	2022-068	2022-068	2022-068							
30 m	20 m	10 m	5 m	0 m							
bot 11	bot 12	bot 13	bot 14								

Bottle integrity: First test the top vent (V) by opening the appropriate column if either fails the integrity check and explain this in the comments column.

STN 004 Cast 001

Date Rec = 00401

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group-sorry: Couldn't get
box file to work :C

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
Cruise Number:	2022-068	1		16	161	4.6	0.301		1					
Event:	4	2		17	162	4.8	0.309		2					
Station:	WARNE1	3		18	163	5.2	0.408	-needed to OT	3					
Event Date (Local):	09-09-22	4		19	164	5.7	0.942	OT	4					
Analysis Date (Local):	Sep 10/11	5		20	165	5.9	0.798	1.37 OT	5					
Analyst:	CW	6		21A	166	6.1	2.294	changed thio tip	6	21B	167	6.2	2.168	
Stdization Date (Local):	Sept 10/22	7		22	168	6.5	2.883	(OT)	7					
KIO ₃ N:	0.021441	8		23	169	7.0	3.684		8					
Standard Titer:	0.49419	9		24	170	7.4	4.639		9					
Blank Titer:	0.00079	10		25	171	8.1	6.539		10					
THIO N:	0.24582	11		26	172	8.7	6.681		11					
Sample Flask Water Seal?	Yes	12		27	173	10.6	6.858	OT - first endpoint jumped	12					
	No	13		28	174	17.5	5.722		13					
Reagent Change?	MnCl ₂	14		29A	175	17.8	5.717	OT	14	29B	176	17.8	5.714	
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		30	177	17.7	5.715		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		31	178	17.7	5.716		16					
	KIO ₃	17							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.

The curves look good but there's jumps after you check the endpoint, has been reached - so bot 1 had to ...

flakey first endpoint

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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:	2022-068	1		64	161			NOT FIRED	1					
Event:	15	2		65	162	4.2	1.336		2					
Station:	CornNNW2	3		66	163	4.0	0.973		3					
Event Date (Local):	11-09-22	4		67	164	4.3	0.180		4					
Analysis Date (Local):	12-09-22	5		68A	165	4.9	0.370		5	68B	166	5.1	0.380	endpoint could be a bit earlier?
Analyst:	W	6		69	167	5.1	0.242		6					
Stdization Date (Local):	10-19-22	7		70	168	5.8	0.318		7					
KIO ₃ N:	0.0121441	8		71	169	6.1	1.053		8					
Standard Titer:	0.4941938	9		72	170	6.6	1.377	check endpt	9					
Blank Titer:	0.0007931	10		73A	171	7.1	2.251		10	73B	172	7.2	2.246	
THIO N:	0.24582	11		74	173	7.5	2.912		11					
Sample Flask Water Seal?	Yes	12		75	174	7.9	3.444		12					
	No	13		76	175	8.4	3.948		13					
Reagent Change?	MnCl ₂	14		77	176	8.7	6.4088		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		78	177	9.3	6.546		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		79	178	10.6	6.645		16					
	KIO ₃	17		80	179	18.1	5.711		17					
	THIO	18		81	180	18.3	5.714		18					
Notes:		19		82	181	18.3	5.711		19					
		20		83	182	18.3	5.714		20					
11 - Earth.xlsx		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.

Things are a bit warm in the lab

Things are a bit warm in the lab

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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:	2022-068	1		84A	131	6.2	0.762		1	84B	132	6.2	0.756	
Event:	SP	2		85	133	6.3	1.138		2					
Station:	CornCentral	3		86	134	7.0	2.334		3					
Event Date (Local):	12-09-22	4		87	135	7.3	2.933		4					
Analysis Date (Local):	12-09-22	5		88	136	7.8	3.484		5					
Analyst:	W	6		89	137	8.2	3.833		6					
Stdization Date (Local):	10-09-22	7		90	138	8.5	6.154		7					
KIO ₃ N:	0.0121441	8		91	139	9.2	6.550		8					
Standard Titer:	0.4941938	9		92	140	10.6	6.781		9					
Blank Titer:	0.0007931	10		93	141	18.2	5.705		10					
THIO N:	0.24582	11		94	142	18.3	5.710		11					
Sample Flask Water Seal?	Yes	12		95	143	18.3	5.712		12					
	No	13		96	144	18.3	5.710		13					
Reagent Change?	MnCl ₂	14							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		84A	84B	85			15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		OXY	OXY	OXY			16					
	KIO ₃	17		CornCentra	CornCentra	CornCentra			17					
	THIO	18		2022-068	2022-068	2022-068			18					
Notes:		19		b-10 m	b-10 m	400 m			19					
		20		bot 1	bot 1	bot 2			20					
		21		95	96				21					
		22		OXY	OXY				22					
		23		CornCentra	CornCentra				23					
		24		2022-068	2022-068				24					

Bottle integrity: First test the top vent (V) by opening 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.

5 m
bot 12

0 m
bot 13

est 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.

mermaid

STN 021

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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:	2022-068	1		97	970	4.0	1.207		1					
Event:	21	2		98	971	4.6	0.355		2					
Station:	CORNSE2	3		99	972	4.9	0.238		3					
Event Date (Local):	12-09-22	4		100A	973	5.6	0.261		4	100B	974	5.7	0.262	
Analysis Date (Local):	12-09-27	5		101	975	6.1	0.722		5					
Analyst:	CU	6		102	976	6.5	1.215		6					
Stdization Date (Local):	10-09-22	7		103	977	7.0	2.194		7					
KIO ₃ N:	0.0121441	8		104	978	7.8	3.425		8					
Standard Titer:	0.4941938	9		105A	979	8.2	3.818		9	105B	980	8.3	3.814	
Blank Titer:	0.000793	10		106	981	8.5	5.421		10					
THIO N:	0.24582	11		107	982	9.3	6.291		11					
Sample Flask Water Seal?	Yes	12		108	983	10.8	6.613	x2 stirrers = might not	12					
	No	13		109	984	18.2	5.660		13					
Reagent Change?	MnCl ₂	14		110	985	18.5	5.659		14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		111	986	18.5	5.658		15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		112	987	18.5	5.664		16					
	KIO ₃	17												
	THIO	18												
Notes:		19												
14 - Chicken & Egg.xlsx		20												
		21												
		22												
		23												
		24												

107	108	109	110	111	112
OXY	OXY	OXY	OXY	OXY	OXY
CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2
2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
75 m	50 m	25 m	10 m	5 m	0 m

100A	100B	101	102	103	104	105A	105B	106
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2	CORNSE2
2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
750 m	750 m	500 m	400 m	300 m	200 m	150 m	150 m	100 m
bot 4	bot 4	bot 5	bot 6	bot 7	bot 8	bot 9	bot 9	bot 10

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:	2022-068	1		113	101	5.4	0.314						1					
Event:	025	2		114	102	5.2	0.268						2					
Station:	CobbSW2	3		115	103	5.7	0.301					- check endpoint	3					
Event Date (Local):	12-09-22	4		116	104	6.2	0.819						4					
Analysis Date (Local):	17-09-22	5		117A	105	6.5	1.370						5	117B	106	6.7	1.327	* not ideal
Analyst:	uw	6		118	107	7.0	2.290						6					
Stdization Date (Local):	16-09-22	7		119	108	7.4	2.811						7					
KIO ₃ N:	0.012 / 441	8		120	109	7.8	3.408						8					
Standard Titer:	0.4944807	9		121	110	8.4	3.948						9					
Blank Titer:	0.000777	10		122	111	9.0	5.699						10					
THIO N:	0.245579	11		123	112	10.0	6.406						11					
Sample Flask Water Seal?	Yes	12		124A	113	11.8	6.680						12	124B	114	11.9	6.679	
	No	13		125	115	18.4	5.628						13					
Reagent Change?	MnCl ₂	14		126	116	18.7	5.641						14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		127	117	18.7	5.632						15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		128	118	18.6	0.5554						16					
	KIO ₃	17		113	114	115	116	117A	117B	118	119	120	121	122	123	124	125	126
	THIO	18		OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
Notes:		19		CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2	CobbSW2
		20		2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
		21		b-10 m	1000 m	750 m	500 m	400 m	400 m	300 m	250 m	200 m	150 m	100 m	75 m	bot 9	bot 10	bot 11
		22		bot 1	bot 2	bot 3	bot 4	bot 5	bot 5	bot 6	bot 7	bot 8	bot 9	bot 10	bot 11			
		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:	2022-068	1		129	120	8.7	4.673		1					
Event:	27	2		130A	121	8.7	5.215		2	130B	122	8.7	5.216	
Station:	CobbCentral	3		131	123	9.7	6.355		3					
Event Date (Local):	13-09-22	4		132	124	11.6	6.714		4					
Analysis Date (Local):	17-09-22	5		133	125	18.5	5.671		5					
Analyst:	CW	6		134	126	18.8	5.628		6					
Stdization Date (Local):	16-09-22	7		135	127	18.8	5.628		7					
KIO ₃ N:	0.121441	8		136	128	18.8	5.632		8					
Standard Titer:	0.4944807	9							9					
Blank Titer:	0.000777	10							10					
THIO N:	0.245579	11							11					
Sample Flask Water Seal?	Yes	12		129	130A	130B	131							
	No	13		OXY	OXY	OXY	OXY							
Reagent Change?	MnCl ₂	14		CobbCent...	CobbCent...	CobbCent...	CobbCent...							
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		2022-068	2022-068	2022-068	2022-068							
	H ₂ SO ₄	16		b-10 m	100 m	100 m	75 m							
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17		bot 1	bot 2	bot 2	bot 3							
	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.

**Institute of Ocean Sciences
Water Properties Group**



Last Updated: December 2019

[illegible]

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:	2022-068						1		168	1409	5.2	0.303		1							
Event:	42 #						2		169	3057	5.6	0.329		2							
Station:	CornSW1						3		170	639	5.9	0.694		3							
Event Date (Local):	15-09-22						4		171A	3037	6.2	1.385		4	171B	969	6.3	1.387			
Analysis Date (Local):	16-09-22						5		172	510	6.9	2.250		5							
Analyst:	CW						6		173	1401	7.5	2.705	7.5°C	6							
Stdization Date (Local):	16-09-22						7		174	3002	7.7	3.494		7							
KIO ₃ N:	0.0121441						8		175	3137	8.1	3.821		8							
Standard Titer:	0.4944807						9		176	951	8.4	6.167		9							
Blank Titer:	0.000777						10		177	3081	8.9	6.451		10							
THIO N:	0.245579						11		178	20	9.7	6.668		11							
Sample Flask Water Seal?	Yes						12	13	179A	569	16.8	6.007	Chlmax = bot 20	12	179B	673	17.1	6.003	no draw		
	No						13	14	180	3120	18.1	5.709		13							
Reagent Change?	MnCl ₂						14	15	181	3134	18.0	5.712		14							
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH						15	16	182	3104	18.0	5.711		15							
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄						16						no bottle 12	16							
	KIO ₃						17							17							
	THIO						18														
Notes:							19		168	169	170	171A	171B	172	173	174	175	176	177	178	179A
							20		OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
							21		CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1	CornSW1
							22		2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
							23		b-10 m	750 m	500 m	400 m	400 m	300 m	250 m	200 m	150 m	100 m	75 m	50 m	25 m
							24		bot 1	bot 2	bot 3	bot 4	bot 4	bot 5	bot 6	bot 7	bot 8	bot 9	bot 10	bot 11	bot 12

Bottle integrity: First test the

179B
OXY
CornSW1
2022-068
25 m
bot 12

180
OXY
CornSW1
2022-068
10 m
bot 13

181
OXY
CornSW1
2022-068
5 m
bot 14

182
OXY
CornSW1
2022-068
0 m
bot 15

183
OXY
CornSW1
2022-068
0 m
bot 15

ther 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:	2022-068	1		184	161	6.0	0.447							1						
Event:	48	2		185	162	6.0	0.650							2						
Station:	BBSS1	3		186	163	6.1	1.521					maybe check endpoint		3						
Event Date (Local):	16-09-22	4		187A	164	6.8	2.447							4	187B	165	6.9	2.445		
Analysis Date (Local):	16-09-22	5		188	166	7.0	2.917							5						
Analyst:	WJ	6		189	167	7.8	4.021							6						
Stdization Date (Local):	16-09-22	7		190	168	8.3	4.782					* need to change den		7						
KIO ₃ N:	0.0121441	8		191	169	8.7	4.782					ran before bottle 5 so out		8						
Standard Titer:	0.4944807	9		192	170	9.1	6.341							9						
Blank Titer:	0.00077	10		193	171	10.5	6.428					6.116		10						
THIO N:	0.245579	11		194	172	18.0	5.688							11						
Sample Flask Water Seal?	Yes	12		195A	173	18.3	5.668							12	195B	174	18.3	5.672		
	No	13		196	175	18.4	5.670							13						
Reagent Change?	MnCl ₂	14		197	176	18.4	5.668							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																		
	THIO	18																		
Notes:		19																		
11 - Earth.xlsx		20																		
See notebook for notes on den run		21																		
		22																		
		23																		
		24																		

184	185	186	187A	187B	190	188	189	191	192	193	194
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1	BBSS1
2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068	2022-068
b-10 m	500 m	400 m	300 m	300 m	150 m	250 m	200 m	100 m	75 m	50 m	25 m
bot 1	bot 2	bot 3	bot 4	bot 4	bot 7	bot 5	bot 6	bot 8	bot 9	bot 10	bot 11
195A	195B	196	197								
OXY	OXY	OXY	OXY								
BBSS1	BBSS1	BBSS1	BBSS1								
2022-068	2022-068	2022-068	2022-068								
10 m	10 m	5 m	0 m								
bot 12	bot 12	bot 13	bot 14								

ent. 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: 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:	2022-068	1		198	131	5.9	0.748							1					
Event:	54	2		199	132	6.2	1.679							2					
Station:	BBSCentral	3		200	133	7.0	2.625							3					
Event Date (Local):	17-09-22	4		201A	134	7.4	3.045							4	201B	135	7.5	3.038	
Analysis Date (Local):	17-09-22	5		202	136	7.7	3.053	4.098						5					
Analyst:	CW	6		203	137	8.1	4.599							6					
Stdization Date (Local):	16-09-22	7		204A	138	8.4	6.204	This was weird = OT						7	204B	139	8.5	6.188	← good looking curve.
KIO ₃ N:	0.0121441	8		205	140	9.1	6.348							8					
Standard Titer:	0.4944807	9		206	141	10.7	6.407							9					
Blank Titer:	0.00077	10		207	142	18.0	5.684							10					
THIO N:	0.245579	11		208	143	18.0	5.646							11					
Sample Flask Water Seal?	Yes	12		209	144	18.3	5.653							12					
	No	13		210	145	18.3	5.649							13					
Reagent Change?	MnCl ₂	14												14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		198	199														
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		OXY	OXY														
	KIO ₃	17		BBSCentral	BBSCentral														
	THIO	18		2022-068	2022-068														
		19		b-10 m	400 m														
		20		bot 1	bot 2														
		21		209	210														
		22		OXY	OXY														
		23		BBSCentral	BBSCentral														
		24		2022-068	2022-068														
				5 m	0 m														
				bot 12	bot 13														

Bottle integrity: First test the top vent (V) by ope

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.