

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences

Water Properties Group

Cruise and Analysis Information		Nisk ID	Nisk Int	Sample ID	Flask 1	Depth (m)	Draw T 1 (°C)	OXY 1 (mL/L)	Comments	Nisk ID	Flask 2	Draw T 2 (°C)	OXY 2 (mL/L)
Cruise Number:	2013-36	1	00	1	3028	120	7.6	2.436	curve  very long	1	3023	7.6	2.434
Event:	36	2	00	2	2059	80	7.5	2.657	chemicals on top of duplicate	2			
Station:	EFF16?	3	00	3	3021	40	8.3	4.523		3			
Event Date (Local):	2013-05-20	4	00	4	3014	10	9.8	7.110	curve very irregular	4			
Analysis Date (Local):	2013-05-21	5	00							5			
Analyst:	FG	6	00							6			
Stdization Date (Local):		7	00							7			
KIO ₃ N:	0.0098716	8	00							8			
Standard Titer:		9	00							9			
Blank Titer:		10	00							10			
THIO N:		11	00							11			
Sample Flask Water Seal?	Yes No	12	00							12			
		13	00							13			
Reagent Change?	MnCl ₂	14	00							14			
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15	00							15			
	H ₂ SO ₄	16	00							16			
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17	00							17			
	THIO	18	00							18			
Notes:		19	00							19			
		20	00							20			
		21	00							21			
		22	00							22			
		23	00							23			
		24	00							24			

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Cruise Number:	2013-36	1	☐	1	3020	724	7.3	1.978		1			
Event:	37	2	☐	2	3022	150	7.5	2.112		2			
Station:	TCH1	3	☐	3	552	20	8.7	4.947		3	3104	8.7	4.957
Event Date (Local):	MAY 20, 2013	4	☐							4			
Analysis Date (Local):		5	☐							5			
Analyst:		6	☐							6			
Stdization Date (Local):		7	☐							7			
KIO ₃ N:	0.0098716	8	☐							8			
Standard Titer:		9	☐							9			
Blank Titer:		10	☐							10			
THIO N:		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			
	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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Cast 32 - oxy

Cruise and Analysis Information		Nisk ID	Nisk Int	Sample ID	Flask 1	Depth (m)	Draw T 1 (°C)	OXY 1 (mL/L)	Comments	Nisk ID	Flask 2	Draw T 2 (°C)	OXY 2 (mL/L)
Cruise Number: 2013-36		1	☐	1	3007	110	7.0	1.936		1	708	7.0	1.945
Event: 38		2	☐	2	3034	50	7.6	3.378		2			
Station: TCH 5		3	☐	3	396	20	8.3	4.582		3			
Event Date (Local): 2013-05-20		4	☐							4			
Analysis Date (Local):		5	☐							5			
Analyst:		6	☐							6			
Stdization Date (Local):		7	☐							7			
KIO ₃ N: 0.0098782		8	☐							8			
Standard Titer:		9	☐							9			
Blank Titer:		10	☐							10			
THIO N:		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			
	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 and Analysis Information								Comments	Nisk ID	Flask 2	Draw T 2 (°C)	OXY 2 (mL/L)
Cruise Number:	2013-36	Nisk ID	Nisk Int	Sample ID	Flask 1	Depth (m)	Draw T 1 (°C)	OXY 1 (mL/L)	The light of the probe turn off	1	start at 100!	
vent:	39	2	00	2	2035	400	5.9	0.987		2		
tation:	BCH2	3	00	3	2037	110	7.4	3.563		3		
vent Date (Local):	May 21 2013	4	00	4	3010	50	7.9	6.679		4	2036 6.684	7.9
analysis Date (Local):		5	00						Event in program is wrong	5		
analyst:		6	00							6		
tdization Date (Local):		7	00							7		
IO ₃ N:		8	00							8		
tandard Titer:		9	00							9		
Blank Titer:		10	00							10		
HIO N:		11	00							11		
Sample Flask	Yes	12	00							12		
Water Seal?	No	13	00							13		
Reagent Change?	MnCl ₂	14	00							14		
Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15	00							15		
	H ₂ SO ₄	16	00							16		
	KIO ₃	17	00							17		
	THIO	18	00							18		
Notes:		19	00							19		
		20	00							20		
		21	00							21		
		22	00							22		
		23	00							23		
		24	00							24		

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Cruise and Analysis Information		Nisk ID	Nisk Int	Sample ID	Flask 1	Depth (m)	Draw T 1 (°C)	OXY 1 (mL/L)	Comments	Nisk ID	Flask 2	Draw T 2 (°C)	OXY 2 (mL/L)
Cruise Number: 2013-36		1	☒	1	2098	798	4.7	0.246		1	2082	4.8	0.262
Event: 40		2	☒	2	690	400	6.8	0.921		2			
Station: 8048		3	☒	3	2025	700	6.7	2.150		3			
Event Date (Local): MAY 21, 2013		4	☒	4	745	100	7.4	3.614		4			
Analysis Date (Local):		5	☒	5	2014	40	8.1	6.652	Event in software is wrong	5			
Analyst:		6	☒							6			
Stdization Date (Local):		7	☒							7			
KIO ₃ N:		8	☒							8			
Standard Titer:		9	☒							9			
Blank Titer:		10	☒							10			
THIO N:		11	☒							11			
Sample Flask Water Seal?	Yes	12	☒							12			
	No	13	☒							13			
Reagent Change? (Please circle reagent that was changed prior to sampling and standardization) NOTE NEW BATCH IN LOG BOOK	MnCl ₂	14	☒							14			
	NaI/NaOH	15	☒							15			
	H ₂ SO ₄	16	☒							16			
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	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 Inlet	Sample ID	Flask 1	Depth (m)	Draw T 1 (°C)	OXY 1 (mL/L)	Comments	Nisk ID	Flask 2	Draw T 2 (°C)	OXY 2 (mL/L)	
Cruise Number: 2013-36		1	☒	1	2020	620	5.6	0.427		1				
Event: 41		2	☒	2	1054	900	6.1	1.044		2	1050	6.1	1.027	
Station: BCH16		3	☒	3	3040	200	6.8	2.456		3				
Event Date (Local): MAY 21 2013		4	☒	4	668	25	8.5	6.723		4				
Analysis Date (Local):		5	☒							5				
Analyst:		6	☒							6				
Stdization Date (Local):		7	☒							7				
KIO ₃ N:		8	☒							8				
Standard Titer:		9	☒							9				
Blank Titer:		10	☒							10				
THIO N:		11	☒							11				
Sample Flask	Yes	12	☒							12				
Water Seal?	No	13	☒							13				
Reagent Change?	MnCl ₂	14	☒							14				
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		20	☒							20				
		21	☒							21				
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Cruise Number:		1	2	1	569	95	7.1	2.061		1	647	7.1	2.051	
Event: 42		2	3	2	2040	85	7.5	2.522		2				
Station: BCH1		3	4	3	3121	65	7.7	4.359	Niskin 3 leaked a little	3				
Event Date (Local):		4	5	4	196	35	10.9	5.842		4				
Analysis Date (Local):		5	6	5	2015	25	9.3	5.963		5				
Analyst:		6	7	6	2019	10	10.6	6.670		6				
Stdization Date (Local):		7	8							7				
KIO ₃ N:		8	9							8				
Standard Titer:		9	10							9				
Blank Titer:		10	11							10				
THIO N:		11	12							11				
Sample Flask Yes		12	13							12				
Water Seal? No		13	14							13				
Reagent Change? MnCl ₂		14	15							14				
(Please circle reagent that was changed prior to sampling and standardization)		15	16							15				
NOTE NEW BATCH IN LOG BOOK		16	17							16				
H ₂ SO ₄		17	18							17				
KIO ₃		18	19							18				
THIO		19	20							19				
Notes:		20	21							20				
		21	22							21				
		22	23							22				
		23	24							23				
		24								24				