EDDIES Oxygen Evolution Experiment Documentation
Explanation of Discarded Values
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Table 2. Details of discarded values from the oxygen evolution experiments carried out during the EDDIES OC404-1 and OC404-4 cruises in the Sargasso Sea in summer 2004. **replicate** indicates the replicate number (reported with the data), **comment_1** additional information and **comment_2** is a code describing the reason the data were discarded, wherein: **BR** = bad replicate; **BRD** = bad replicate with dangerous comment; **LD** = lower value than the lowest dark; **HI** = higher value than the highest initial; **BAI** = bubble after incubation; **BBI** = bubble before incubation; **BAAR** = bubble after adding reactions; **BI** = bad initials; **HIS** = higher than the initial_S (reported with the summary data); **MH** = more than a half discarded values; **S** = suspicious value.

Cruise_ID	sta	ev_type	depth	sampleType	replicate	Comment_1	Comment_2
OC404-1	6	CTD_06	0	Initial	6		BR
OC404-1	6	CTD_06	0	Initial	7		BR
OC404-1	6	CTD_06	20	Clear	1		LD
OC404-1	6	CTD_06	40	Initial	6	Titration was not immediate	BRDC
OC404-1	6	CTD_06	40	Dark	3	BAI	HI
OC404-1	6	CTD_06	40	Dark	6	Not sure about the titration value	BRDC
OC404-1	6	CTD_06	40	Clear	5	BAI	LD
OC404-1	15	CTD_15	0	Initial	7	Titration was not immediate	BR
OC404-1	15	CTD_15	0	Dark	1		HI
OC404-1	15	CTD_15	0	Dark	2	BAI	HI
OC404-1	15	CTD_15	0	Dark	3		HI
OC404-1	15	CTD_15	0	Dark	4	BAI	HI
OC404-1	15	CTD_15	0	Dark	5		HI
OC404-1	15	CTD_15	0	Dark	6		HI
OC404-1	15	CTD_15	0	Dark	7		HI
OC404-1	15	CTD_15	20	Initial	4		BR
OC404-1	15	CTD_15	20	Dark	1	BAI	MHI
OC404-1	15	CTD_15	20	Dark	2	BAI	MHI
OC404-1	15	CTD_15	20	Dark	3		MHI
OC404-1	15	CTD_15	20	Dark	4	BAI	MHI
OC404-1	15	CTD_15	20	Dark	5		MHI
OC404-1	15	CTD_15	20	Dark	6		MHI
OC404-1	15	CTD_15	20	Dark	7	BAI	MHI
OC404-1	20	CTD_20	0	Initial	7		BR
OC404-1	20	CTD_20	0	Dark	7	BAI	HI
OC404-1	20	CTD_20	0	Clear	6	turbulence in the pipette	BRDC
OC404-1	20	CTD_20	20	Dark	2	BAI	HI
OC404-1	20	CTD_20	20	Clear	5	added 2 ml acide	BRDC
OC404-1	20	CTD_20	60	Initial	3		BR
OC404-1	20	CTD_20	60	Initial	5		BR
OC404-1	20	CTD_20	60	Clear	2		LD
OC404-1	20	CTD_20	60	Clear	3		LD

Cruise_ID	sta	ev_type	depth	sampleType	replicate	Comment_1	Comment_2
OC404-1	20	CTD_20	100	Initial	1		BR
OC404-1	20	CTD_20	100	Dark	1	BAI	BRDC
OC404-1	20	CTD_20	100	Dark	3	BAI	BRDC
OC404-1	63	CTD_63	0	Initial	7		BR
OC404-1	63	CTD_63	0	Dark	2	BAI	HI
OC404-1	63	CTD_63	0	Dark	3	BAI	HI
OC404-1	63	CTD_63	25	Initial	4		BR
OC404-1	63	CTD_63	25	Initial	7		BR
OC404-1	63	CTD_63	25	Dark	2		HI
OC404-1	63	CTD_63	25	Dark	7	BBI	BRDC
OC404-1	63	CTD_63	45	Initial	3		MH
OC404-1	63	CTD_63	45	Initial	4		HIS
OC404-1	63	CTD_63	45	Initial	6	BAI	HIS
OC404-1	63	CTD_63	45	Clear	6		LD
OC404-1	63	CTD_63	65	Initial	2		BR; HIS
OC404-1	63	CTD_63	65	Initial	4		BR; HIS
OC404-1	63	CTD_63	65	Dark	6		HI
OC404-1	63	CTD_63	115	Dark	2		HI
OC404-1	63	CTD_63	115	Clear	1		S; too high value for this depth
OC404-1	63	CTD_63	115	Clear	2		S; too high value for this depth
OC404-1	63	CTD_63	115	Clear	3		S; too high value for this depth
OC404-1	65	CTD_65	0	Initial	2		BR
OC404-1	65	CTD_65	0	Dark	1	BAI	MH
OC404-1	65	CTD_65	0	Dark	2	BAI	MH
OC404-1	65	CTD_65	0	Dark	3	BAI	MH
OC404-1	65	CTD_65	0	Dark	4	BAI	MH
OC404-1	65	CTD_65	0	Dark	5	BAI	MH
OC404-1	65	CTD_65	0	Dark	6	BAI	MH
OC404-1	65	CTD_65	20	Initial	3	BAI	BR
OC404-1	65	CTD_65	20	Dark	1	BAI	HI
OC404-1	65	CTD_65	40	Initial	5		BR
OC404-1	65	CTD_65	40	Dark	4		HI
OC404-1	65	CTD_65	90	Dark	1		HI
OC404-1	65	CTD_65	90	Dark	2		HI
OC404-1	65	CTD_65	90	Dark	3		HI
OC404-1	65	CTD_65	90	Dark	4		HI
OC404-1	65	CTD_65	90	Dark	5		HI
OC404-1	65	CTD_65	90	Dark	6		HI

Cruise_ID	sta	ev_type	depth	sampleType	replicate	Comment_1	Comment_2
OC404-4	26	CTD_26	40	Clear	5	BAAR	BRDC
OC404-4	26	CTD_26	60	Initial	2		HIS
OC404-4	26	CTD_26	60	Initial	4		HIS
OC404-4	26	CTD_26	60	Initial	5		HIS
OC404-4	26	CTD_26	60	Initial	6	high mixing speed	HIS
OC404-4	26	CTD_26	60	Dark	1		BI
OC404-4	26	CTD_26	60	Dark	2		BI
OC404-4	26	CTD_26	60	Dark	3		BI
OC404-4	26	CTD_26	60	Dark	4		BI
OC404-4	26	CTD_26	60	Dark	5		BI
OC404-4	26	CTD_26	60	Dark	6		BI
OC404-4	26	CTD_26	60	Clear	2	BAI	BI
OC404-4	26	CTD_26	60	Clear	3	BAI	BI
OC404-4	26	CTD_26	60	Clear	4	BAI	BI
OC404-4	26	CTD_26	60	Clear	5	BAI	BI
OC404-4	26	CTD_26	60	Clear	6		BI
OC404-4	50	CTD_50	0	Clear	5	BAAR	BRDC
OC404-4	50	CTD_50	50	Dark	2	Top moved	BRDC
OC404-4	50	CTD_50	75	Initial	5	BAAR	BR
OC404-4	50	CTD_50	75	Dark	1		HI
OC404-4	50	CTD_50	75	Clear	2	BAAR	BRDC
OC404-4	50	CTD_50	115	Initial	4		S; air transfererence in this CTD bottle?
OC404-4	50	CTD_50	115	Initial	5		S; air transfererence in this CTD bottle?
OC404-4	50	CTD_50	115	Dark	4		S; air transfererence in this CTD bottle?
OC404-4	50	CTD_50	115	Dark	5		S; air transfererence in this CTD bottle?
OC404-4	50	CTD_50	115	Clear	4		S; air transfererence in this CTD bottle?
OC404-4	50	CTD_50	115	Clear	5		S; air transfererence in this CTD bottle?