

Ⓟ using my light levels from here on

Station Data

Station	G 107	Cast #	1601012	Local Date	06.11.2016	Time	10:40
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Lat. N	68° 29.9456	Temp.	-1.67	Depth	317.28
Long. W	59° 10.7501	Salinity	32.68	Fluor.	2.44

Samples in dark

Time 11:50

PAM Measurements

Tube	Niskin	Depth	Sample #	Gain/PM-Gain	F-Offs.	Intensity	Time	1st Y(II)
1	16	surf		Measuring light:		Amp. 1 Int. 4	12:52	—
				Int. 2 Freq. 4		"	12:55	0.022
				Syst. Params: Gain: 6		Amp. 1 Int. 5	12:57	0.028
				PM Gain: 30		"	13:00	—
				F-off: 83				
						Amp. 1 Int. 4	13:03	0.211
						Amp. 2 Int. 4	13:05	0.179
11	16	surf				"	13:08	0.218
2	14	5 m.		same		Amp. 1 Int. 4	13:11	0.038
						"	13:13	—
						Amp. 1 Int. 5	13:16	0.071
						"	13:18	0.029
						Amp. 2 Int. 4	13:21	0.339
						"	13:23	0.254
3	13	10 m.		same		Amp. 1 Int. 4	13:26	0.014
						"	13:28	0.182
						Amp. 1 Int. 5	13:31	0.101
						"	13:34	0.046
						Amp. 2 Int. 4	13:37	—
						"	13:39	0.146
4	B	15 m.		ML: Int. 2 Freq. 12	172	Amp. 1 Int. 4	13:46	0.083
				Gain 12 PM Gain 30		"	13:49	—
						172 " 172	13:51	0.086
						Amp. 1 Int. 5	13:54	—

bad -
wrong
settings

→ not autozeroing
b/w Amp. 1 and Amp. 2

Station Data

Station	G107	Cast #	1601-012	Local Date	6-11-2016	Time	10:40
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PAM Measurements

Tube	Niskin	Depth	Sample #	Gain/PM-Gain	F-Offs.	Intensity	Time	1st Y(II)
4	B	15 m.				Amp. 1 Int. 5	13:59	-
						Amp. 2 Int. 4	14:02	0.308
						"	14:04	0.143
5	9	20 m.		same		Amp. 1 Int. 4	14:07	-
						"	14:09	-
						Amp. 1 Int. 5	14:12	0.052
						"	14:14	0.006
						Amp. 2 Int. 5	14:17	0.241
						"	14:19	0.292
6	8	25 m.		same		Amp. 1 Int. 4	14:22	0.049
						"	14:24	0.061
						Amp. 1 Int. 4.5	14:26	0.066
						"	14:29	0.076
						Amp. 2 Int. 4	14:31	0.267
						"	14:34	0.228
7	7	30 m.		same		Amp. 1 Int. 4	14:37	0.065
						"	14:39	0.125
						Amp. 1 Int. 5	14:42	0.091
						"	14:45	0.095
						Amp. 2 Int. 4	14:47	0.341
						"	14:51	0.286
8	5	40 m.		same		Amp. 1 Int. 4	14:53	0.193
						"	14:56	0.143
						Amp. 1 Int. 5	14:58	0.132
						"	15:01	0.131
						Amp. 2 Int. 4	15:03	0.330
						"	15:05	0.315

Station Data									
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Station	G107	Cast #	1001-012		Local Date	6-11-2016	Time	10:40
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PAM Measurements	
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[illegible]

Station Data								
Station	G 110	Cast #	1601-017		Local Date	6.12.2016	Time	5:30

Lat.		Temp.	-1.7	Depth	
Long.		Salinity	33.22	Fluor.	1.44

Samples in dark	
Time	6:38

PAM Measurements - PLCs

DCM

Station Data

Station	G 110	Cast #	1601-017	Local Date	6-12-2016	Time	5:30
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PAM Measurements - Fv/Fm

Tube	Niskin	Depth	Sample #	Gain/PM-Gain	F-Offs.	F/Fm ¹ Intensity	Time	1st Y(II)
1	20	surf	a	ML int. 3 freq 12	483	482 562	8:50	0.142
			b	gain 12 PM gain 30		493 570	8:52	0.135
			c			451 513	8:53	0.121
			d			423 534	8:54	0.208
			e			447 498	8:55	0.102
2	18	5 m.	a			483 577	8:56	0.163
			b			222 256	8:57	0.133
			c			224 315	8:58	0.289
			d			194 279	9:00	0.305
			e			174 344	9:01	0.501
3	16	10 m.	a			337 385	9:02	0.125
			b			331 367	9:03	0.098
			c			288 321	9:05	0.103
			d			385 422	9:06	0.088
			e			415 480	9:07	0.135
4	14	15 m.	a			249 280	9:08	0.111
			b			65 102	9:10	0.363
			c			99 118	9:11	0.161
			d			136 153	9:12	0.111
			e			107 127	9:14	0.157
5	13	20 m.	a			154 204	9:15	0.245
			b			105 127	9:16	0.173
			c			106 159	9:17	0.333
			d			93 135	9:19	0.311
			e			77 128	9:21	0.398

Station Data

Station	G110	Cast #	1601-017	Local Date	6-12-2016	Time	5:30
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PAM Measurements - F_v/F_m

Tube	Niskin	Depth	Sample #	Gain/PM-Gain	F-Offs.	F_v/F_m Intensity	Time	1st Y(II)
6	9	30 m.	a	Measuring light Int- 4	468	244 269	9:25	0.093
			b	Freq 12 System Param		248 293	9:27	0.124
			c	Gain 12 PM-Gain 30		254 273	9:28	0.070
			d			253 301	9:30	0.159
			e			195 203	9:31	0.039
7	7	40 m.	a	Same		251 295	9:32	0.149
			b			158 168	9:33	0.060
			c			370 680	9:35	0.457
			d			308 425	9:36	0.275
			e			183 185	9:37	0.011
8	5	60 m.	a			100 88	9:38	-
			b			76 81	9:39	0.062
			c			30 38	9:40	-
			d			62 69	9:41	0.101
			e			74 79	9:42	0.063
9	3	80 m.	a			114 104	9:44	-
			b			104 112	9:45	0.071
			c			55 75	9:46	0.267
			d			33 17	9:47	-
			e			18 25	9:48	-
10	1	100 m.	a			18 37	9:49	-
			b			42 44	9:50	-
			c			39 60	9:52	0.350
			d			44 57	9:53	0.228
			e			132 153	9:55	0.137