

CTD Log Sheet

Cruise ID: LMG1501
 Station: 600.040
 Event #: 007
 Cast #: 003

Latitude Start: -64 deg 56.191 min
 Longitude Start: -64 24.567
 Latitude End:
 Longitude End:

GMT Date: 005
 Start Time: GMT
 End Time: GMT

Depth:
 Operator: MJC

Data File Name: Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	1303	1.483	3.4684	3.0666	4.046	0.037	0	98.36
2	"	"	"	"	"	"	"	"
3	1000	1.455	3.4681	3.050	4.061	0.037	0	99.34
4	"	"	"	"	"	"	"	"
5	800	1.437	3.4629	3.039	4.064	0.037	0	99.21
6	"	"	"	"	"	"	"	"
7	300	1.394	3.4673	3.022	4.094	0.037	0	99.27
8	"	"	"	"	"	"	"	"
9	300	1.248	3.4633	2.997	4.219	0.037	0	99.27
10	"	"	"	"	"	"	"	"
11	100	0.078	3.4625	2.858	4.910	0.068	9.46e-1	99.01
12	"	"	"	"	"	"	"	"
13	75	-0.39	3.4613	2.808	5.515	0.434	0.750	98.35
14	"	"	"	"	"	"	"	"
15	50	-1.20	33.840	2.722	6.744	0.800	2.69	98.22
16	"	"	"	"	"	"	"	"
17	25	-1.12	33.781	2.720	7.044	2.11	2.18	93.48
18	"	"	"	"	"	"	"	"
19	15	-0.92	33.660	2.727	7.285	2.144	65.3	88.51
20	"	"	"	"	"	"	"	"
21	5	-2.60	33.108	2.696	8.188	0.1614	403	86.77
22	"	"	"	"	"	"	"	"
23	0	-0.35	32.549	2.1068	8.200	0.1434	648	87.69
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501
 Station: PS.2
 Event #: 20
 Cast #: 005

Latitude Start: 64 deg 49.504 min
 Longitude Start: 64 10.426
 Latitude End:
 Longitude End:

GMT Date: 1/6/2015
 Start Time: 08:34 GMT
 End Time: GMT

Depth: 455
 Operator: CPGAS

Data File Name: Station PS1.2
 Config File Name: CTD - LMG - 1501

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	436	1.350	34.658	3.014	4.619	0	0	98.77
2	"	"	"	"	"	"	"	"
3	300	1.189	34.613	2.990	4.311	0	0	99.06
4	"	"	"	"	"	"	"	"
5	250	1.037	34.569	2.971	4.496	0	0	98.92
6	"	"	"	"	"	"	"	"
7	200	0.794	34.503	2.943	4.785	0	0	98.77
8	"	"	"	"	"	"	"	"
9	150	0.647	34.463	2.924	4.934	0	0	98.48
10	"	"	"	"	"	"	"	"
11	100	0.410	34.387	2.896	5.199	0	0.157	98.77
12	"	"	"	"	"	"	"	"
13	65	-0.076	34.231	2.841	5.297	0.221	1.871	98.85
14	"	"	"	"	"	"	"	"
15	50	-0.066	34.079	2.785	6.056	0.495	1.92	98.92
16	"	"	"	"	"	"	"	"
17	25	-1.102	33.883	2.727	6.930	1.838	8.09	96.97
18	"	"	"	"	"	"	"	"
19	15	-0.938	33.768	2.733	7.321	1.777	22.04	92.56
20	"	"	"	"	"	"	"	"
21	10	-0.826	33.681	2.736	7.353	1.716	38.55	91.02
22	"	"	"	"	"	"	"	"
23	0	-0.881	33.481	2.743	7.806	1.53	182.4	84.55
24	"	"	"	"	"	"	"	"

Concepts

CTD Log Sheet

Cruise ID: LMG1501 LMG1411 Latitude Start: -64 deg 52.871 min Longitude Start: -64 17.910 Latitude End: Longitude End: GMT Date: 00134 Start Time: 1:03 GMT End Time: GMT

Station: P1-upwelling Event #: 29 Cast #: 007 Depth: 555 Operator: Data File Name: Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	400	1.363	34.660	3.014	4.160	0	0	98.92
2	"	"	"	"	"	"	"	"
3	10	-0.220	32.920	2.729	7.897	1.533	4.533	87.460
4	"	"	"	"	"	"	"	"
5	"	"	"	"	"	"	"	"
6	"	"	"	"	"	"	"	"
7	"	"	"	"	"	"	"	"
8	"	"	"	"	"	"	"	"
9	"	"	"	"	"	"	"	"
10	"	"	"	"	"	"	"	"
11								
12								
13								
14								
15								
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CTD Log Sheet

Cruise ID:	LMG1411	Latitude Start:	deg min -64 52.248	GMT Date:	11/7/2017
Station:	PI Upwelling	Longitude Start:	-64 17.700	Start Time:	GMT
Event #:	30	Latitude End:		End Time:	GMT
Cast #:	008	Longitude End:		Operator:	
Data File Name:		PI Upwelling-B		Config File Name:	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	10	-0.44	33.53	2.75	8.06	3.70	2.7	84.72
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1411	Latitude Start: -64 ^{deg} 52.832 ^{min}	GMT Date: 11/7/13
Station: 01 upack C	Longitude Start: -64 17.713	Start Time: 0830 GMT
Event #: 33	Latitude End: 	End Time: GMT
Cast #: 009	Longitude End: 	
	Depth: 556	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	525	1.413	34.677	3.025	4.132	0	0	98.43
2	"	"	"	"	"	"	"	"
3	400	1.366	34.661	3.014	4.77	0	0	98.61
4	"	"	"	"	"	"	"	"
5	350	1.310	34.643	3.004	4.23	0	0	98.66
6	"	"	"	"	"	"	"	"
7	250	1.048	34.573	2.969	4.413	0	0	98.16
8	"	"	"	"	"	"	"	"
9	100	0.915	34.301	2.871	4.840	0	0	98.35
10	"	"	"	"	"	"	"	"
11	75	-0.121	34.189	2.835	5.135	0.282	0.041	97.98
12	"	"	"	"	"	"	"	"
13	55	-0.842	33.992	2.762	6.131	0.526	0.164	97.88
14	"	"	"	"	"	"	"	"
15	35	-1.044	33.809	2.725	6.904	1.808	0.742	94.42
16	"	"	"	"	"	"	"	"
17	25	-0.959	33.679	2.731	6.79	1.59	1.90	91.93
18	"	"	"	"	"	"	"	"
19	15	0.650	33.172	2.818	8.384	3.059	6.38	79.49
20	"	"	"	"	"	"	"	"
21	10	0.737	33.061	2.818	8.366	3.098	16.34	79.60
22	"	"	"	"	"	"	"	"
23	0	0.751	33.053	2.818	8.373	2.754	65.15	79.70
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: **LMG1411**

Latitude Start: **64** deg **52.884** min

GMT Date: **1/7/2014**
22:50

Station: **P1-3B**

Longitude Start: **64** **17.890**

Start Time: **22:50** GMT

Latitude End:

End Time: GMT

Longitude End:

Event #: **39**

Cast #: **10**

Depth:

Operator:

Data File Name:

Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	100	0.306	34.259	2.853	5.106	0.129	0	98.065
2	11	"	"	"	"	"	"	"
3	75	-0.80	34.020	2.765	6.227	0.495	0	97.829
4	11	"	"	"	"	"	"	"
5	35	-1.09	33.864	2.729	6.825	1.411	0.05	96.28
6	11	"	"	"	"	"	"	"
7	35	-1.30	33.736	2.724	6.975	1.899	0.46	92.56
8	11	"	"	"	"	"	"	"
9	25	0.43	33.228	2.805	8.450	3.639	1.85	79.35
10	11	"	"	"	"	"	"	"
11	15	0.535	33.093	2.803	8.523	4.219	1.15	76.09
12	15	↓	↓	↓	↓	↓	↓	↓
13	15	↓	↓	↓	↓	↓	↓	↓
14	15	↓	↓	↓	↓	↓	↓	↓
15	15	↓	↓	↓	↓	↓	↓	↓
16	10	0.529	33.090	2.804	8.526	3.451	2.38	76.06
17	11	"	"	"	"	"	"	"
18	0	0.526	33.079	2.801	8.503	3.609	9.10	76.14
19	11	"	"	"	"	"	"	"
20	X	↓	↓	↓	↓	↓	↓	↓
21	X	↓	↓	↓	↓	↓	↓	↓
22	X	↓	↓	↓	↓	↓	↓	↓
23	X	↓	↓	↓	↓	↓	↓	↓
24	100	↓	↓	↓	↓	↓	↓	↓

CTD Log Sheet

Cruise ID: LMG1411	Latitude Start: 64 deg 53.024 min	GMT Date: 8-Jan
Station: 151-4	Longitude Start: 64 40.512	Start Time: 08:29 GMT
Event #: 44	Latitude End: 	End Time: GMT
Cast #: 11	Longitude End: 	
	Depth: 311	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	297	0.055	34.75	2.976	4.507	0	0	98.09
2	"	"	"	"	"	"	"	"
3	250	0.086	34.551	2.964	4.600	0	0	98.09
4	"	"	"	"	"	"	"	"
5	200	0.003	34.530	2.954	4.706	0	0	98.09
6	"	"	"	"	"	"	"	"
7	150	0.624	34.415	2.921	5.043	0	0	98.11
8	"	"	"	"	"	"	"	"
9	120	0.134	34.279	2.863	5.36	0.122	0	98.17
10	"	"	"	"	"	"	"	"
11	100	-0.092	34.208	2.838	5.283	0.159	0.002	98.03
12	"	"	"	"	"	"	"	"
13	75	-1.020	33.967	2.741	6.811	0.251	0.057	98.24
14	"	"	"	"	"	"	"	"
15	50	-1.201	33.855	2.722	7.111	1.258	0.288	96.31
16	"	"	"	"	"	"	"	"
17	35	-0.90	33.746	2.724	7.299	1.777	1.016	93.53
18	"	"	"	"	"	"	"	"
19	20	-0.149	33.402	2.780	8.441	2.449	4.794	84.92
20	"	"	"	"	"	"	"	"
21	10	0.214	33.143	2.783	8.304	3.670	22.12	77.95
22	"	"	"	"	"	"	"	"
23	0	0.245	33.128	2.782	8.304	3.151	109.0	78.53
24	"	"	"	"	"	"	"	"

No silt needed

CTD Log Sheet

Cruise ID: LMG1411	Latitude Start: 64 34.50 deg min	GMT Date: 4-1-2015
Station: 680:100	Longitude Start: -65 20.522	Start Time: 05:55 GMT
Event #: 62	Latitude End: 	End Time: GMT
Cast #: 013	Longitude End: 	
	Depth: 632	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	596	1.475	34.702	3.035	4.104	0.1	0	97.96
2	"	"	"	"	"	"	"	"
3	500	1.446	34.668	3.027	4.081	0	0	98.51
4	"	"	"	"	"	"	"	"
5	300	1.242	34.618	2.993	4.278	0	0	98.56
6	"	"	"	"	"	"	"	"
7	200	0.837	34.502	2.944	4.640	0.1	0	98.61
8	"	"	"	"	"	"	"	"
9	150	0.171	34.34	2.875	5.331	0	0	98.58
10	"	"	"	"	"	"	"	"
11	100	0.082	34.057	2.776	6.276	0.251	0	98.14
12	"	"	"	"	"	"	"	"
13	75	-1.107	33.916	2.731	6.727	0.312	0	97.88
14	"	"	"	"	"	"	"	"
15	60	-1.265	33.864	2.871	7.113	0.739	0	97.41
16	"	"	"	"	"	"	"	"
17	50	-1.144	33.823	2.725	7.091	1.442	0.102	96.04
18	"	"	"	"	"	"	"	"
19	30	-0.1040	33.736	2.806	7.942	2.144	0.1097	89.13
20	"	"	"	"	"	"	"	"
21	10	0.170	33.473	2.824	8.016	2.510	1.119	85.67
22	"	"	"	"	"	"	"	"
23	0	0.372	33.735	2.841	8.504	2.754	4.17	86.38
24	"	"	"	"	"	"	"	"

Free

CTD Log Sheet

Cruise ID: LMG150
LMG1411

Station: 6001200

Event #: 80

Cast #: 18

Latitude Start: 63 deg 57.471 min
 Longitude Start: 66 51.416
 Latitude End:
 Longitude End:

GMT Date: 1/9/2015
 Start Time: 22:43 GMT
 End Time: GMT

Depth: 3093

Operator:

Data File Name:

Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	35	-0.856	33.831	2.750	7.716	0.526	12.95	96.46
2	35							
3	35							
4	35							
5	35							
6	35							
7								
8								
9								
10								
11								
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FOR DNA AND
 ASSOCIATED SAMPLING

CTD Log Sheet

Cruise ID: LMG1411	Latitude Start: 63 deg 57.975 min	GMT Date: 11/9/2017
Station: 600.2003	Longitude Start: 66 51.39	Start Time: 23:12 GMT
Event #: 81	Latitude End: 	End Time: GMT
Cast #: 16	Longitude End: 	
	Depth: 3094	Operator:
Data File Name: 	Config File Name: 	

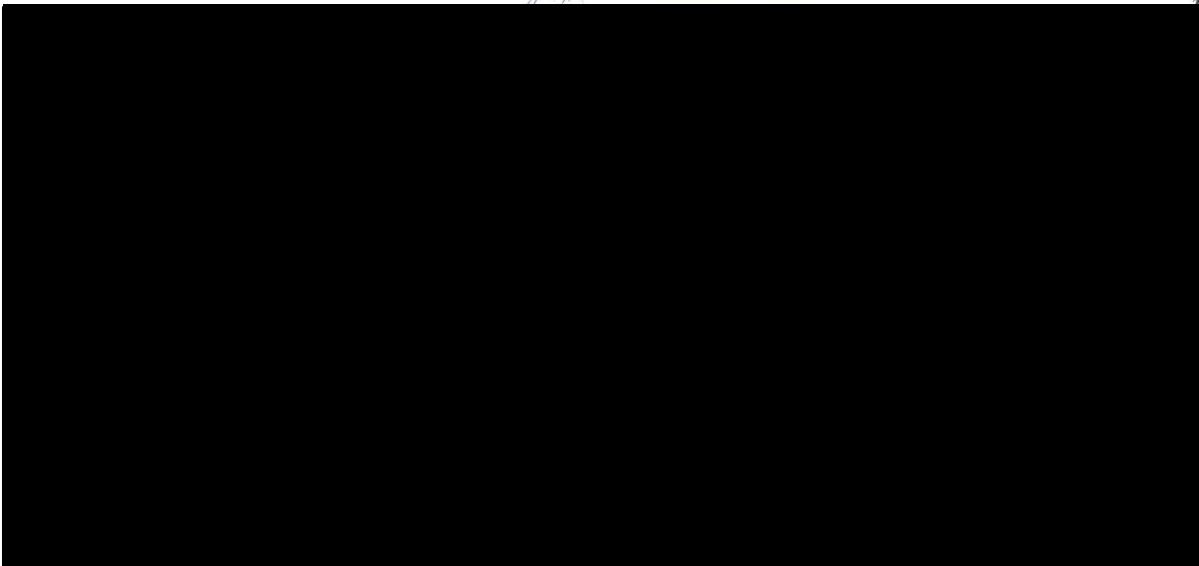
Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	3065	0.448	34.699	3.048	4.652	0.190	0	98.95
2	"	"	"	"	"	"	"	"
3	2000	0.671	34.709	3.027	4.599	0.190	0	98.77
4	"	"	"	"	"	"	"	"
5	1000	1.303	34.728	3.040	4.346	0.190	0	98.85
6	"	"	"	"	"	"	"	"
7	500	1.855	34.717	3.065	4.097	0.190	0	98.82
8	"	"	"	"	"	"	"	"
9	230	2.70	34.650	3.066	3.880	0.190	0	98.77
10	"	"	"	"	"	"	"	"
11	100	0.085	34.360	2.931	4.867	0.190	—	98.96
12	"	"	"	"	"	"	"	"
13	75	0.910	34.036	2.757	6.746	1.019	—	97.12
14	"	"	"	"	"	"	"	"
15	50	0.787	33.832	2.752	7.747	0.617	—	96.31
16	"	"	"	"	"	"	"	"
17	35	0.035	33.705	2.835	7.821	0.343	—	96.52
18	"	"	"	"	"	"	"	"
19	20	0.770	33.681	2.870	7.807	0.282	—	96.44
20	"	"	"	"	"	"	"	"
21	10	0.819	33.682	2.873	7.780	0.282	—	96.47
22	"	"	"	"	"	"	"	"
23	0	0.822	33.682	2.873	7.791	0.282	—	96.42
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 14 deg 36.547 min	GMT Date: 11/10/15
Station: 500: 200	Longitude Start: 68 17.666	Start Time: 14:27 GMT
Event #: 94	Latitude End: 	End Time: GMT
Cast #: 18	Longitude End: 	
	Depth: 2730	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	2674	0.918	34.920	3.031	4.651	⊖	⊖	98.51
2	"	"	"	"	"	"	"	"
3	1700	0.780	34.712	3.024	4.529	⊖	⊖	98.82
4	"	"	"	"	"	"	"	"
5	900	1.354	34.729	3.074	4.321	⊖	⊖	98.85
6	"	"	"	"	"	"	"	"
7	600	1.710	34.726	3.058	4.185	⊖	"	98.82
8	"	"	"	"	"	"	"	"
9	300	2.008	34.783	3.067	3.947	⊖	"	98.77
10	"	"	"	"	"	"	"	"
11	150	1.929	34.558	3.093	3.990	⊖	"	98.72
12	"	"	"	"	"	"	"	"
13	100	0.789	34.388	2.930	4.783	0.155	"	98.48
14	"	"	"	"	"	"	"	"
15	70	0.651	34.112	2.793	6.218	0.556	"	97.69
16	"	"	"	"	"	"	"	"
17	50	1.351	33.934	2.713	7.031	0.526	"	96.77
18	"	"	"	"	"	"	"	"
19	35	0.518	33.713	2.850	7.812	0.221	"	96.80
20	"	"	"	"	"	"	"	"
21	20	0.798	33.703	2.872	7.794	0.1819	"	96.72
22	"	"	"	"	"	"	"	"
23	0	0.842	33.703	2.876	7.767	0.098	"	96.76
24	"	"	"	"	"	"	"	"

no PAR too deep



CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 65 deg 14.048 min	GMT Date: 11/11/2015
Station: 500.100	Longitude Start: 66 46.655	Start Time: 02:40 GMT
Event #: 119	Latitude End: 	End Time: GMT
Cast #: 20	Longitude End: 	
	Depth: 455	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	447	1.466	34.704	3.028	4.081	0	0	98.73
2								
3	375	1.459	34.695	3.023	4.069	0	0	98.48
4								
5	320	1.502	34.687	3.023	4.048	0	0	98.36
6								
7	275	1.492	34.676	3.020	4.037	0	0	98.56
8								
9	250	1.473	34.659	3.016	4.050	0	0	98.56
10								
11	150	0.332	34.385	2.892	4.899	0	0	98.30
12								
13	100	-0.776	34.108	2.776	6.333	0.1129	0	98.24
14								
15	75	-1.210	33.12	2.725	7.370	0.1251	0	97.82
16								
17	50	0.407	33.789	2.824	7.934	0.1648	0.017	95.73
18								
19	30	0.196	33.793	2.832	7.975	1.075	0.095	93.32
20								
21	10	0.399	33.784	2.846	8.010	1.350	0.513	93.16
22								
23	0	0.399	33.783	2.845	7.997	1.319	1.406	93.11
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg 65 min 28.780	GMT Date:	11/Jan/2005
Station:	500.060	Longitude Start:	66 09.00	Start Time:	08:34 GMT
Event #:	121	Latitude End:		End Time:	GMT
Cast #:	23	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	293	1.346	34.665	3.007	4.195	0	0	97.96
2	"	"	"	"	"	"	"	"
3	206	1.172	34.618	2.985	4.340	0	0	98.09
4	"	"	"	"	"	"	"	"
5	175	0.963	34.563	2.961	4.491	0	0	98.14
6								
7	150	0.4618	34.447	2.915	4.901	0	0	98.08
8	"	"	"	"	"	"	"	"
9	100	-0.935	34.069	2.759	6.383	0.195	0.045	98.45
10	"	"	"	"	"	"	"	"
11	70	-1.610	33.861	2.686	7.307	0.343	0.270	97.98
12	"	"	"	"	"	"	"	"
13	50	-1.252	33.825	2.708	7.592	0.434	0.673	97.51
14	"	"	"	"	"	"	"	"
15	35	-0.393	33.746	2.782	8.014	0.404	1.56	96.46
16	"	"	"	"	"	"	"	"
17	25	-0.304	33.556	2.768	8.153	1.442	3.49	91.99
18	"	"	"	"	"	"	"	"
19	15	0.081	33.439	2.792	8.280	1.930	11.10	87.98
20	"	"	"	"	"	"	"	"
21	10	0.109	33.456	2.794	8.260	2.724	12.19	82.71
22	0	"	"	"	"	"	"	"
23	0	0.217	33.416	2.802	8.251	2.815	105.4	89.42
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 66 deg 15.193 min	GMT Date: 7-11-2015
Station: 4000090	Longitude Start: 67 20.116	Start Time: 23:30 GMT
Event #: 129	Latitude End: 	End Time: GMT
Cast #: 25	Longitude End: 	
	Depth: 189	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	173	1.122	34.622	2.990	4.136	0	0	98.17
2								
3	160	1.121	34.590	2.975	4.203	0	0	98.09
4								
5	150	0.837	34.502	2.902	4.630	0.068	0	97.72
6								
7	120	0.002	34.304	2.856	5.190	0.098	0.0	97.51
8								
9	100	-0.376	34.219	2.822	5.521	0.154	0	97.94
10								
11	75	-0.912	34.018	2.756	6.170	0.678	0.0002	97.95
12								
13	50	-1.200	33.843	2.718	6.751	1.228	0.09	96.05
14								
15	40	-1.338	33.759	2.705	7.083	1.135	0.22	96.23
16								
17	35	-1.212	33.681	2.705	7.223	1.625	0.335	95.13
18								
19	25	-0.887	33.282	2.699	8.306	3.120	1.045	87.09
20								
21	10	-0.607	33.059	2.0707	8.794	5.868	11.64	72.98
22								
23	0	-0.599	33.037	2.706	8.755	4.677	54.80	74.61
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg 65 min 52.693	GMT Date:	1/12/2015
Station:	400.100	Longitude Start:	68 16.892	Start Time:	13:24 GMT
Event #:	145	Latitude End:		End Time:	GMT
Cast #:	22	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	335	1.525	34.975	3.032	3.977	0	0	98.33
2								
3	300	1.592	34.696	3.032	3.994	0	0	98.53
4								
5	250	1.0654	34.670	3.027	3.987	0	0	98.64
6								
7	175	1.525	34.608	3.015	4.014	0	0.015	98.64
8								
9	125	0.411	34.385	2.885	4.777	0	0.176	98.56
10								
11	100	-0.075	34.171	2.787	3.836	0.129	0.483	98.45
12								
13	70	-1.549	33.975	2.699	6.933	0.282	1.83	97.98
14								
15	50	-1.656	33.830	2.680	7.490	0.953	4.628	96.88
16								
17	25	-1.336	33.597	2.688	7.735	1.167	24.84	94.16
18								
19	15	-0.605	33.274	2.719	8.271	1.869	61.17	87.43
20								
21	5	-0.203	33.193	2.759	8.155	0.587	232.4	86.04
22								
23	0	-0.068	33.174	2.760	8.147	0.465	322.3	86.22
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -65 deg 14.261 min	GMT Date: 1-13-2015
Station: 400.200	Longitude Start: -69 48.184	Start Time: 01.01 GMT
Event #: 166	Latitude End: 	End Time: GMT
Cast #: 29	Longitude End: 	
	Depth: 2769	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	2716	0.442	34.702	3.305	4.621	0	0	50.00
2								
3	1700	0.909	34.715	3.305	4.474	0	0	98.54
4								
5	1000	1.404	34.729	3.305	4.290	0	0	98.56
6								
7	500	1.894	34.702	3.067	4.029	0	0	98.56
8								
9	350	2.001	34.663	3.067	3.909	0	0	98.51
10								
11	100							
12	100	0.470	34.291	2.893	3.265	0.159	0	98.14
13	80	-0.421	34.134	2.802	6.161	0.287	0	97.41
14								
15	70	-0.725	34.080	2.775	6.441	0.556	0	97.14
16								
17	50	-1.209	33.95	2.725	7.143	0.566	0	96.33
18								
19	35	-0.044	33.731	2.777	7.937	0.709	0	95.05
20								
21	15	0.893	33.615	2.871	7.856	0.495	0	95.57
22								
23	0	1.160	33.635	2.897	7.831	0.495	0	94.84
24								

Cephelic

3 bottles
fired by
accident



CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg 65 min 59.005	GMT Date:	1/13/2013
Station:	3001.200	Longitude Start:	71 22.642	Start Time:	11:32 GMT
Event #:	172	Latitude End:		End Time:	GMT
Cast #:	31	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	3046	0.425	34.704	3.047	4.630	0	0	98.14
2								
3	2500	0.511	34.705	3.033	4.608	0	0	98.51
4								
5	2000	0.767	34.711	3.035	4.527	0	0	98.36
6								
7	1000	1.487	34.730	3.057	4.286	0	0	98.56
8								
9	400	1.885	34.671	3.060	3.949	0	0	98.51
10								
11	100	0.554	34.250	2.882	5.486	0.221	0	98.02
12								
13	75	-0.538	34.122	2.789	6.295	0.404	0	97.46
14								
15	50	-1.510	33.904	2.698	7.652	0.739	0	96.80
16								
17	45	-1.498	33.895	2.698	7.703	0.648	0	96.78
18								
19	25	-0.433	33.785	2.780	8.036	0.648	0	94.37
20								
21	5	1.341	33.603	2.958	7.736	0.221	0	93.37
22								
23	0	1.785	33.607	2.955	7.777	0.221	0	93.40
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg 67 min 30.728	GMT Date:	1/15/2015
Station:	200.040	Longitude Start:	70 35 335	Start Time:	3:32 GMT
Event #:	203	Latitude End:		End Time:	GMT
Cast #:	33	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	734	1.334	34.714	3.030	3.990	0	0	97.38
2								
3	650	1.333	34.708	3.026	3.937	0	0	97.85
4								
5	500	1.350	34.699	3.020	3.938	0	0	98.09
6								
7	400	1.375	34.685	3.016	3.953	0	0	98.17
8								
9	200	0.901	34.536	2.954	4.190	0	0	98.09
10								
11	100	-1.602	33.997	2.699	6.876	0.129	0	98.11
12								
13	75	-1.681	33.949	2.657	7.055	0.282	0	97.90
14								
15	50	-1.660	33.897	2.684	7.200	0.648	0	97.25
16								
17	35	-1.574	33.538	2.685	7.200	0.739	0.017	96.02
18								
19	20	-1.177	33.250	2.677	8.162	1.77	0.092	91.59
20								
21	10	-0.155	33.012	2.740	9.031	9.40	0.746	78.87
22								
23	0	-0.012	33.00	2.743	9.068	83.891	5.68	77.35
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg 67 min 6.847	GMT Date:	15-Jan
Station:	200: 100	Longitude Start:	71 31.681	Start Time:	12.28 GMT
Event #:	214	Latitude End:		End Time:	GMT
Cast #:	35	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -67 06.869	GMT Date: 1/15/15
Station: 200:100	Longitude Start: -71 31.724	Start Time: 14:39 GMT
Event #: 217	Latitude End: 	End Time: GMT
Cast #: 36	Longitude End: 	
	Depth: 449	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	414	1.5379	34.702	3.019	3.778	0	0	96.67
2	"	"	"	"	"	"	"	"
3	340	1.414	34.690	3.017	3.933	0	0	98.11
4								
5	250	1.348	34.655	3.005	3.944	0	0	98.17
6								
7	200	1.178	34.604	2.984	3.998	0	0.007	98.14
8								
9	150	0.817	34.497	2.938	4.265	0.068	0.016	98.03
10								
11	100	-0.473	34.247	2.815	3.338	0.099	0.947	97.93
12								
13	75	-1.499	34.045	2.788	6.667	0.159	2.03	97.88
14								
15	50	-1.723	33.965	2.683	6.697	0.404	6.933	97.819
16								
17	25	-1.690	33.678	2.066	7.52	1.4742	5.36	92.01
18								
19	20	-1.012	33.437	2.695	8.206	1.655	128	95.59
20								
21	10	-0.083	33.121	2.761	8.046	1.288	461	99.16
22								
23	0	0.085	33.116	2.768	8.425	0.434	104	853.57
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg min -66 39.687	GMT Date:	1/16/2015
Station:	200.180	Longitude Start:	-72 44.051	Start Time:	GMT
Event #:	224	Latitude End:		End Time:	GMT
Cast #:	38	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	50	-1.29	35.558	2.71	7.54	0.82		93.84
2	50							
3	50							
4	50							
5	50							
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -66 deg 34.656 min	GMT Date: 11/16/2015
Station: 200:180	Longitude Start: -72 44.551	Start Time: 01818 GMT
Event #: 225	Latitude End: 	End Time: GMT
Cast #: 39	Longitude End: 	
	Depth: 3590	Operator: Alec
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	2000	0.833	34.713	3.041	4.505	0	0	98.24
2	1500							
3	1200	1.081	34.721	3.042	4.517	0	0	98.24
4								
5	1000	1.447	34.730	3.053	4.249	0	0	98.24
6								
7	500	1.905	34.696	3.068	4.007	0	0	98.22
8								
9	325	1.776	34.663	3.045	3.966	-	-	98.170
10								
11	100	-1.169	34.671	2.742	6.531	0.221	-	97.69
12								
13	75	-1.493	34.006	2.702	6.887	0.190	-	97.62
14								
15	50	-1.315	33.876	2.712	7.401	0.1892	-	95.25
16								
17	40	-1.166	33.830	2.729	7.595	1.289	-	93.48
18								
19	25	-0.756	33.639	2.855	7.97	0.953	-	92.69
20								
21	15	0.555	33.624	2.873	7.856	0.984	-	92.82
22								
23	0	0.911	33.625	2.876	7.855	0.953	-	92.80
24								

too stormy to get to bottom, hearing seas and bad wire tensions

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: ^{deg} 67 ^{min} 46.905	GMT Date: 1/16/2015
Station: 2005000	Longitude Start: 69 56.561	Start Time: 18:28 GMT
Event #: 230	Latitude End:	End Time: GMT
Cast #: 40	Longitude End:	
	Depth: 715	Operator: Alec
Data File Name:	Config File Name:	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	678	1.33	34.271	3.028	4.164	0	0	97.67
2								
3	550	1.346	34.717	3.023	4.112	0	0	97.69
4								
5	400	1.455	34.696	3.024	3.935	0	0	98.07
6								
7	300	1.450	34.673	3.017	3.968	0	0	98.48
8								
9	150	0.143	34.368	2.877	4.853	0	0.105	98.44
10								
11	90	-1.570	33.965	2.700	6.916	0.159	1.159	97.82
12								
13	75	-1.539	33.922	2.697	7.006	0.282	2.43	97.46
14								
15	50	-1.718	33.837	2.676	7.940	0.678	9.93	96.27
16								
17	37	-1.599	33.740	2.681	7.826	2.296	29.52	91.52
18								
19	20	-0.519	33.322	2.735	8.269	0.678	191.48	88.35
20								
21	10	0.190	33.100	2.776	8.241	0.312	500.0	85.10
22								
23	0	0.217	33.091	2.779	8.242	0.221	1700	84.7
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -64 deg 44.777 min	GMT Date: 11/17/2015
Station: Station 1012	Longitude Start: -68 08.39	Start Time: 13:00 GMT
Event #: 235	Latitude End: 	End Time: GMT
Cast #: 41	Longitude End: 	Operator:
Depth: 505		
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	400	1.236	34.643	3.001	3.739	0	0	97.48
2	200	0.904	34.530	2.954	3.625	0	0	96.52
3	10-45	-1.169	33.587	2.702	7.030	3.029	0.248	89.89
4	11	11	11	11	11	11	11	11
5	15	-0.226	33.228	2.757	8.936	9.927	0.263	80.25
6	11	11	11	11	11	11	11	11
7	5	1.155	32.910	2.840	10.03	2.815	472	70.07
8	11	11	11	11	11	11	11	11
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 67 deg 52.575 min	GMT Date: 1/12
Station: Rothera	Longitude Start: -68 05.700	Start Time: 14:45 GMT
Event #: 236	Latitude End: _____	End Time: _____ GMT
Cast #: 42	Longitude End: _____	
	Depth: 616	Operator: _____
Data File Name: _____	Config File Name: _____	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	400	1.238	34.644	3.001	3.255	0	0	97.59
2	200	6.845	34.501	2.947	3.621	0	0	97.40
3	75	-1.29	33.898	2.728	5.553	0.404	0	97.16
4	40	7.532	33.617	2.674	6.939	0.734	0.213	96.01
5	"	"	"	"	"	"	"	"
6	"	"	"	"	"	"	"	"
7	15	-1.374	33.169	2.656	8.432	3.90	2.24	68.99
8	"	"	"	"	"	"	"	"
9	5	0.111	32.617	2.733	10.375	4.37	500.7	67.03
10	"	"	"	"	"	"	"	"
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -67 34.383 deg min	GMT Date: 1/17/2015
Station: Rothera #3	Longitude Start: -68 13.573	Start Time: 18517 GMT
Event #: 237	Latitude End: 	End Time: GMT
Cast #: 43	Longitude End: 	
	Depth: 525	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	497	1.22	34.63	3.003	3.48	0	0	94.9
2	400	1.19	34.63	2.99	3.54	0.06	0	96.52
3	300	1.16	34.61	2.98	3.54	0.09	0	96.36
4	200	0.95	34.54	2.95	3.58	0.12	0	96.3
5	150	0.60	34.44	2.92	3.63	0.28	0	95.15
6	11	11	11	11	11	11	11	11
7	100	-0.40	34.08	2.80	4.71	0.14	0	95.26
8	80	-0.185	33.92	2.76	5.27	0.55	0	94.4
9	75	-0.18	33.90	2.75	5.35	0.55	0	94.1
10	60	-1.25	33.75	2.71	6.13	0.92	0	94.3
11	40	-1.57	33.62	2.68	6.91	2.35	0.009	91.3
12	11	11	11	11	11	11	11	11
13	25	-1.15	33.52	2.69	7.77	8.15	0.91	84.4
14	20	-0.17	33.39	2.73	8.42	9.4	1.8	79.0
15	15	-0.16	33.36	2.73	8.8	14.1	4.6	76.5
16	5	0.1	32.89	2.80	10.5	4.61	179	77.5
17	5	5	5	5	5	5	5	5
18	11	11	11	11	11	11	11	11
19	100	1.44	32.6	2.84	10.77	0.58	236	80.7
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 68 deg 09.542 min	GMT Date: 1/18/2015
Station: 2001-060	Longitude Start: 68 57.376	Start Time: 20:08 GMT
Event #: #841	Latitude End:	End Time: GMT
Cast #: 44	Longitude End:	
	Depth: 223	Operator:
Data File Name:	Config File Name:	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	333	1.136	34.609	2.982	4.023	0.129	0	97.31
2	"	"	"	"	"	"	"	"
3	200	1.086	34.799	2.970	4.025	0.129	0	97.41
4	"	"	"	"	"	"	"	"
5	175	0.926	34.541	2.955	4.066	0.063	0	97.47
6	"	"	"	"	"	"	"	"
7	150	0.530	34.913	2.910	4.221	0.129	0	97.23
8	"	"	"	"	"	"	"	"
9	100	-0.277	33.968	2.765	5.111	0.190	0	96.94
10	"	"	"	"	"	"	"	"
11	75	-1.135	33.799	2.704	6.928	0.282	0	96.99
12	"	"	"	"	"	"	"	"
13	50	-1.45	33.68	2.684	6.601	0.739	0.002	95.84
14	"	"	"	"	"	"	"	"
15	35	-1.34	33.49	2.681	7.061	5.684	0.132	88.59
16	"	"	"	"	"	"	"	"
17	25	-1.133	33.34	2.686	7.720	14.81	0.924	81.51
18	"	"	"	"	"	"	"	"
19	15	-1.341	33.07	2.650	8.22	25.22	10.36	70.72
20	"	"	"	"	"	"	"	"
21	10	-0.878	33.01	2.681	9.77	3.63	52.5	66.51
22	"	"	"	"	"	"	"	"
23	0	-0.11	32.188	2.708	10.37	4.99	526.	73.58
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 68 deg 01.833 min	GMT Date: 08/11/19
Station: 4005-040	Longitude Start: 69 17.111	Start Time: 0931 GMT
Event #: 249	Latitude End: 	End Time: GMT
Cast #: 46	Longitude End: 	
	Depth: 468 474	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	474	1.402	34.898	3.023	3.964	0	0	97.93
2	"	"	"	"	"	"	"	"
3	375	1.403	34.682	3.107	3.979	0	0	97.56
4								
5	300	1.343	34.662	3.007	3.994	0	0	97.38
6								
7	200	0.956	34.556	2.962	4.263	0	0	97.62
8								
9	150	0.422	34.380	2.894	4.447	0	0	97.41
10								
11	100	-0.827	34.005	2.760	5.603	0.129	0	97.30
12								
13	75	-1.080	34.881	2.731	5.928	0.251	0	96.70
14								
15	50	-1.356	34.782	2.71	6.698	0.709	0	95.73
16								
17	25	-1.055	33.462	2.701	7.565	9.462	0.099	83.29
18								
19	15	0.678	33.159	2.822	9.538	21.74	0.45	68.55
20								
21	5	0.831	33.414	2.833	9.580	19.20	9.91	68.33
22								
23	0	0.830	33.145	2.831	9.953	18.33	65.14	68.34
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg min -68 01.770	GMT Date:	12/18/19
Station:	2008040	Longitude Start:	-69 17.917	Start Time:	12:52 GMT
Event #:	253	Latitude End:		End Time:	GMT
Cast #:	47	Longitude End:		Depth:	488
				Operator:	
Data File Name:			Config File Name:		

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	17	-0.420	33.343	2.728	8.318	15.910	8.71	78.74
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

DNA & Garzy water

CTD Log Sheet

Cruise ID: **LMG1501**

Station: **190: -032**

Event #: **254**

Cast #: **48**

Latitude Start: **-68** deg **06.905** min

Longitude Start: **-69** **35.472**

Latitude End:

Longitude End:

GMT Date: **1/19**

Start Time: **23:40** GMT

End Time: GMT

Depth: **829**

Operator:

Data File Name:

Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	35	1.212	33.60	2.699	6.97	2.67	0.81	92.27
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	35	0.136	33.250	2.756	8.133	4.158	4.1	86.56
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

Filipin
Incubation
water

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -68 02.008 deg min	GMT Date: 1/20/2015
Station: -190:032	Longitude Start: -69 35.410	Start Time: GMT
Event #: 255	Latitude End: 	End Time: GMT
Cast #: 49	Longitude End: 	
	Depth: 824	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	300	1.41	31.66	3.01	3.99	0.007	0	97.57
2								
3								
4								
5	35	1.26	33.56	2.69	6.88	2.38	0.5	92.32
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	35	0.896	33.46	2.71	7.29	3.82	1.9	89.20
16								
17								
18								
19								
20								
21								
22								
23								
24								

*Filipa
cast #2*

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg -68 min 02.424	GMT Date:	1/20/
Station:	021 190.-032	Longitude Start:	-69 35.303	Start Time:	09:29 GMT
Event #:	258	Latitude End:		End Time:	GMT
Cast #:	50	Longitude End:		Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	916	1.36	34.714	3.043	3.999	0	0	97.1
2	"	"	"	"	"	"	"	"
3	700	1.387	34.709	3.033	3.986	0	0	97.43
4	"	"	"	"	"	"	"	"
5	500	1.417	34.701	3.026	3.966	0	0	97.75
6	"	"	"	"	"	"	"	"
7	300	1.420	34.667	3.017	3.992	0	0	97.82
8	"	"	"	"	"	"	"	"
9	200	0.921	34.354	2.954	4.325	0	0	97.69
10	"	"	"	"	"	"	"	"
11	100	-1.240	33.939	2.726	6.178	0.190	0	97.41
12	"	"	"	"	"	"	"	"
13	75	-1.435	33.852	2.701	6.529	0.251	0.015	97.30
14	"	"	"	"	"	"	"	"
15	50	-1.477	33.857	2.690	6.267	0.867	0.191	95.73
16	"	"	"	"	"	"	"	"
17	35	-1.385	33.602	2.685	6.803	1.199	0.191	93.71
18	"	"	"	"	"	"	"	"
19	20	-0.85	33.253	2.758	8.138	5.863	6.923	85.10
20	"	"	"	"	"	"	"	"
21	5	-0.127	33.228	2.759	8.217	5.134	84.78	84.84
22	"	"	"	"	"	"	"	"
23	0	-0.127	33.228	2.759	8.215	3.249	159.3	84.68
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: deg min -67 53.792	GMT Date: 1/21/2015
Station: D52.4	Longitude Start: -69 15.482	Start Time: 09:28 GMT
Event #: 269	Latitude End: 	End Time: GMT
Cast #: 51	Longitude End: 	
	Depth: 207	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	186	1.057	34.589	2.972	4.224	0	0	97.2
2								
3	170	1.034	34.561	2.962	4.302	0	0	97.2
4								
5	150	0.988	34.429	2.894	4.799	0	0	97.14
6								
7	125	-0.136	34.290	2.843	5.252	0	0	97.04
8								
9	100	-0.805	34.031	2.766	5.689	0.1129	0	96.96
10								
11	75	-1.196	33.798	2.719	6.299	0.449	0	96.28
12								
13	50	-1.101	33.614	2.707	7.121	1.596	0	93.66
14								
15	35	-0.501	33.403	2.730	8.137	6.997	0.015	84.63
16								
17	25	-0.175	33.238	2.757	8.472	8.554	0.176	80.25
18								
19	10	-0.178	33.235	2.756	8.492	7.791	4.34	80.52
20								
21	5	-0.177	33.236	2.756	8.501	7.241	14.03	80.18
22								
23	0	-0.176	33.236	2.756	8.500	7.859	42.97	80.02
24								

CTD Log Sheet

Cruise ID: **LMG1501** Latitude Start: **68** deg **22.816** min
 Station: **100', 000** Longitude Start: **71** **42.312**
 Event #: **287** Latitude End:
 Cast #: **53** Longitude End:
 Depth: **124** Operator:
 Data File Name: Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	105	-1.140	33.956	2.73	6.305	0.190	0	97.02
2	"	"	"	"	"	"	"	"
3	75	-1.227	33.908	2.72	6.430	0.343	0	96.67
4	"	"	"	"	"	"	"	"
5	50	-1.421	33.775	2.689	6.848	0.831	0	95.41
6	"	"	"	"	"	"	"	"
7	35	-1.542	33.447	2.662	8.393	2.021	0	92.59
8	"	"	"	"	"	"	"	"
9	25	-1.551	33.262	2.648	7.765	3.245	0	91.72
10	"	"	"	"	"	"	"	"
11	10	-1.589	32.425	2.578	9.239	8.768	0.188	83.27
12	10	"	"	"	"	"	"	"
13	5	-1.577	32.302	2.574	9.331	8.188	0.613	84.57
14	"	"	"	"	"	"	"	"
15	0	-1.564	32.263	2.571	9.357	8.218	1.909	83.55
16	"	"	"	"	"	"	"	"
17								
18								
19								
20								
21								
22								
23								
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 67 deg 58.648 min	GMT Date: 1/22/2011
Station: 100.060	Longitude Start: 72 39.686	Start Time: 12.44 GMT
Event #: 299	Latitude End: 	End Time: GMT
Cast #: 55	Longitude End: 	Operator:
Depth: 415		
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	368	1.489	34.715	3.028	4.031	0	0	96.8
2								
3	300	1.421	34.666	3.014	3.953	0	0	97.7
4								
5	250	1.179	34.600	2.985	3.993	0	0	97.6
6								
7	175	0.315	34.420	2.895	4.605	0	0	97.85
8								
9	150	0.149	34.290	2.831	5.232	0	0.033	97.96
10								
11	100	-1.638	34.108	2.698	6.647	0.129	0.423	97.77
12								
13	80	-1.711	33.985	2.680	6.690	0.221	1.112	97.62
14								
15	50	-1.707	33.866	2.681	7.032	0.556	4.77	96.59
16								
17	27	-1.583	33.773	2.681	7.449	1.189	25.05	90.49
18								
19	20	-0.289	33.360	2.777	7.896	1.503	43.99	88.56
20								
21	10	0.627	33.003	2.805	8.037	0.770	109.7	86.20
22								
23	0	0.627	33.003	2.804	8.055	0.526	309.	86.15
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: <small>deg min</small> -67 17.753	GMT Date: 7/23/14
Station: 100.160	Longitude Start: -74 10.924	Start Time: 03:18 GMT
Event #: 318	Latitude End: 	End Time: GMT
Cast #: 57	Longitude End: 	
	Depth: 3114	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	3048	0.449	34.704	3.049	4.612	0	0	97.33
2	"	"	"	"	"	"	"	"
3	2000	0.706	34.610	3.030	4.521	0	0	97.64
4	"	"	"	"	"	"	"	"
5	1000	1.273	34.727	3.038	4.348	0	0	97.62
6	"	"	"	"	"	"	"	"
7	750	1.497	34.730	3.046	4.246	0	0	97.62
8	"	"	"	"	"	"	"	"
9	500	1.761	34.724	3.058	4.121	0	0	97.97
10	"	"	"	"	"	"	"	"
11	100	-0.460	34.261	2.813	5.552	0.190	0	97.35
12	"	"	"	"	"	"	"	"
13	75	-0.803	34.155	2.759	6.119	0.251	0	97.12
14	"	"	"	"	"	"	"	"
15	50	-1.536	33.990	2.698	6.938	0.984	0	95.47
16	"	"	"	"	"	"	"	"
17	40	-1.514	33.865	2.695	7.356	1.655	0	92.90
18	"	"	"	"	"	"	"	"
19	30	-0.302	33.673	2.768	7.839	2.233	0	91.12
20	"	"	"	"	"	"	"	"
21	15	0.719	33.567	2.856	7.801	1.533	0	91.17
22	"	"	"	"	"	"	"	"
23	0	0.711	33.545	2.853	7.792	1.422	0	90.65
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -67 59.730	GMT Date: 1/23/15
Station: 000140	Longitude Start: -75 42.726	Start Time: 18:36 GMT
Event #: 329	Latitude End: 	End Time: GMT
Cast #: 59	Longitude End: 	
	Depth: 2945	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	2866	0.437	34.703	3.041	4.606	0	0	97.0
2	"	"	"	"	"	"	"	"
3	2000	0.676	34.709	3.022	4.551	0	0	97.76
4	"	"	"	"	"	"	"	"
5	1500	0.968	34.718	3.032	4.435	0	0	97.62
6	"	"	"	"	"	"	"	"
7	900	1.397	34.729	3.029	4.290	0	0	97.57
8	"	"	"	"	"	"	"	"
9	300	1.915	34.689	3.085	3.939	0	0	97.48
10	"	"	"	"	"	"	"	"
11	100	-0.268	34.285	2.830	5.448	0.281	0	97.18
12	"	"	"	"	"	"	"	"
13	75	-1.289	34.119	2.730	6.278	0.312	0	97.02
14	"	"	"	"	"	"	"	"
15	50	-1.547	33.946	2.696	6.961	1.197	0	94.68
16	"	"	"	"	"	"	"	"
17	30	-0.89	33.552	2.725	7.795	2.266	0	88.66
18	"	"	"	"	"	"	"	"
19	25	-0.203	33.453	2.746	7.884	7.808	0	89.16
20	"	"	"	"	"	"	"	"
21	15	-0.038	33.417	2.784	7.910	1.472	0	88.298
22	"	"	"	"	"	"	"	"
23	0	0.084	33.392	2.790	7.931	0.739	0	88.983
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -68 ^{deg} 33.63 ^{min}	GMT Date: 1/24/2015
Station: 000' 060	Longitude Start: -74 30.183	Start Time: 06:47 GMT
Event #: 343	Latitude End: 	End Time: GMT
Cast #: 61	Longitude End: 	
	Depth: 511	Operator:

Data File Name: Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	477	1.4302	34.712	3.017	4.047	0	0	96.78
2	"	"	"	"	"	"	"	"
3	350	1.235	34.630	2.997	4.007	0	0	97.3
4	"	"	"	"	"	"	"	"
5	250	0.478	34.956	2.919	4.502	0	0	97.38
6	"	"	"	"	"	"	"	"
7	200	-0.090	34.228	2.787	5.722	0	0	97.38
8	"	"	"	"	"	"	"	"
9	150	-1.779	33.942	2.861	6.947	0	0	97.34
10	"	"	"	"	"	"	"	"
11	100	-1.744	33.886	2.679	7.012	0.190	0	96.91
12	"	"	"	"	"	"	"	"
13	75	-1.773	33.819	2.674	7.065	0.190	0	96.67
14	"	"	"	"	"	"	"	"
15	50	-1.674	33.653	2.666	7.62	0.648	0	94.97
16	"	"	"	"	"	"	"	"
17	30	-1.363	33.427	2.674	7.544	2.021	0.129	91.64
18	"	"	"	"	"	"	"	"
19	20	-0.870	33.193	2.698	8.197	7.333	0.200	86.83
20	"	"	"	"	"	"	"	"
21	10	-0.674	32.746	2.682	8.763	8.096	1.466	82.32
22	"	"	"	"	"	"	"	"
23	0	-0.674	32.746	2.676	8.083	8.188	8.47	82.27
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: 78 deg 58.137 min	GMT Date: 1/24/2014
Station: 0001.000	Longitude Start: -73 33.512	Start Time: GMT
Event #: 355	Latitude End: 	End Time: GMT
Cast #: 63	Longitude End: 	
	Depth: 190	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

CTD problem
sea ice
problem

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -68 57.663 deg min	GMT Date: 1/24/2015
Station: 000:000	Longitude Start: -73 34.931	Start Time: 18:35 GMT
Event #: 358	Latitude End: 	End Time: GMT
Cast #: 63	Longitude End: 	
	Depth: 194	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	160	-1.298	33.970	2.726	6.537	0.098	0.002	96.99
2	"	"	"	"	"	"	"	"
3	140	-1.451	33.920	2.710	6.667	0.098	0.007	97.20
4	"	"	"	"	"	"	"	"
5	125	-1.649	33.855	2.685	7.009	0.068	0.011	97.36
6	"	"	"	"	"	"	"	"
7	115	-1.706	33.821	2.679	7.092	0.068	0.016	97.33
8	"	"	"	"	"	"	"	"
9	100	-1.75	33.785	2.673	7.135	0.068	0.310	97.23
10	"	"	"	"	"	"	"	"
11	75	-1.768	33.729	2.665	7.250	0.129	0.775	97.27
12	"	"	"	"	"	"	"	"
13	50	-1.750	33.702	2.663	7.299	0.159	2.409	97.12
14	"	"	"	"	"	"	"	"
15	35	-1.779	33.557	2.650	7.428	0.312	5.29	96.599
16	"	"	"	"	"	"	"	"
17	25	-1.763	33.481	2.634	7.772	1.160	9.47	95.05
18	"	"	"	"	"	"	"	"
19	20	-1.346	32.711	2.681	8.852	4.891	19.13	87.98
20	"	"	"	"	"	"	"	"
21	10	-1.353	32.278	2.541	9.019	3.29	87.92	88.36
22	"	"	"	"	"	"	"	"
23	0	-1.136	32.168	2.581	9.036	0.56	413.7	89.62
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: ^{deg} -69 ^{min} 14.027	GMT Date: 1/25/15
Station: -100:090	Longitude Start: -76 10.519	Start Time: 07:21 GMT
Event #: 361	Latitude End: 	End Time: GMT
Cast #: 65	Longitude End: 	Operator:
Depth: 418		
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	407	1.375	34.701	3.018	4.012	0	0	96.93
2	"	"	"	"	"	"	"	"
3	350	1.368	34.686	3.014	4.027	0	0	97.93
4	"	"	"	"	"	"	"	"
5	250	0.551	34.348	2.98	4.025	0	0	97.51
6	"	"	"	"	"	"	"	"
7	200	-0.661	34.176	2.791	5.697	0	0	97.56
8	"	"	"	"	"	"	"	"
9	100	-1.740	33.880	2.679	7.064	0	0.08	97.46
10	"	"	"	"	"	"	"	"
11	75	-1.770	33.834	2.672	7.162	0.259	0.264	97.31
12	"	"	"	"	"	"	"	"
13	50	-1.777	33.794	2.668	7.230	0.282	0.816	97.01
14	"	"	"	"	"	"	"	"
15	35	-1.772	33.760	2.665	7.278	0.312	1.70	96.67
16	"	"	"	"	"	"	"	"
17	25	-1.772	33.725	2.662	7.347	0.404	2.52	96.65
18	"	"	"	"	"	"	"	"
19	15	-1.674	33.604	2.652	7.518	0.618	5.56	96.11
20	"	"	"	"	"	"	"	"
21	5	-1.538	33.339	2.663	7.755	0.739	15.66	94.29
22	"	"	"	"	"	"	"	"
23	0	-1.222	33.458	2.677	7.938	0.800	21.8	92.67
24	"	"	"	"	"	"	"	"

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -69 20.502 deg min	GMT Date: 1/25/15
Station: P3.1	Longitude Start: -75 56.232	Start Time: 17:34 GMT
Event #: 367	Latitude End: 	End Time: GMT
Cast #: 66	Longitude End: 	
	Depth: 350	Operator:
Data File Name: 	Config File Name: 	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	312	1.30	34.622	2.986	4.014	0	0	95.85
2								
3	275	0.916	34.555	2.958	4.157	0	0	97.33
4								
5	225	0.204	34.384	2.883	4.697	0	0	97.52
6								
7	200	-0.134	34.267	2.844	5.106	0	0.005	97.59
8								
9	150	-1.643	33.995	2.697	6.785	0	0.011	97.57
10								
11	100	-1.769	33.854	2.675	7.172	0.019	0.711	97.46
12								
13	75	-1.810	33.788	2.666	7.287	0.251	1.58	97.28
14								
15	50	-1.809	33.630	2.654	7.447	0.648	5.67	96.59
16								
17	35	-1.805	33.536	2.647	7.571	0.894	1.42	96.20
18								
19	25	-1.787	33.427	2.639	7.798	1.38	2.67	94.7
20								
21	10	-1.768	33.382	2.638	7.917	0.648	8.52	94.11
22								
23	0	-1.750	33.379	2.637	7.925	0.587	231.	94.3
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: ^{deg} 69 ^{min} 23.771	GMT Date: 1/26/2015
Station: 105 3.2	Longitude Start: 75 50.993	Start Time: GMT
Event #: 377	Latitude End:	End Time: GMT
Cast #: 68	Longitude End:	
	Depth: 303	Operator:
Data File Name:	Config File Name:	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	282	0.978	34.577	2.968	4.118	⊖	⊖	96.25
2								
3	250	0.794	34.522	2.947	4.219	⊖	⊖	97.30
4								
5	200	-0.064	34.291	2.853	4.958	⊖	⊖	97.62
6								
7	175	-0.606	34.149	2.774	5.756	⊖	⊖	97.69
8								
9	150	-1.216	34.021	2.735	6.286	⊖	⊖	97.72
10								
11	100	-1.661	33.873	2.685	7.019	⊖	⊖	97.69
12								
13	60	-1.803	33.756	2.662	7.317	0.312	⊖	97.25
14								
15	50	-1.805	33.703	2.659	7.358	0.343	0.022	97.09
16								
17	25	-1.735	33.214	2.628	8.135	1.075	0.139	94.53
18								
19	15	-1.683	33.158	2.628	8.136	2.266	0.470	91.96
20								
21	5	-1.694	33.317	2.628	8.293	7.991	1.58	92.25
22								
23	0	-1.691	33.173	2.628	8.302	2.144	2.22	92.77
24								

CTD Log Sheet

Cruise ID: **LMG1501**

Latitude Start: ^{deg} **-69** ^{min} **23.871**
 Longitude Start: **-75** **53.354**
 Latitude End:
 Longitude End:

GMT Date: **1/26/2015**
 Start Time: **15:45** GMT
 End Time: GMT

Station: **053.3**

Event #: **385**

Cast #: **70**

Depth: **302**

Operator:

Data File Name:

Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	1.002	33.625	33.625	2.654	7.468	0.556	1.31	96.45
2	55	-1.802						
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

DNA Cast

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg min -69 23.873	GMT Date:	1/26/2015
Station:	PS 3, 3	Longitude Start:	-75 53.446	Start Time:	16:12 GMT
Event #:	386	Latitude End:		End Time:	GMT
Cast #:	71	Longitude End:			
		Depth:	302	Operator:	
Data File Name:			Config File Name:		

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	285	1.002	34.575	2.971	4.045	0	0	98.46
2								
3	225	0.059	34.440	2.915	4.406	0	0.0002	97.53
4								
5	175	-0.671	34.148	2.779	3.806	0	0.018	97.54
6								
7	150	-1.341	33.998	2.715	6.841	0	0.28	97.62
8								
9	100	-1.705	33.986	2.681	7.053	0.068	2.95	97.41
10								
11	75	-1.800	33.782	2.667	7.058	0.221	5.85	97.35
12								
13	55	-1.805	33.631	2.654	7.441	0.678	13.18	96.59
14								
15	50	-1.799	33.576	2.650	7.515	0.587	16.29	96.34
16								
17	35	-1.800	33.450	2.641	7.768	0.434	50.42	95.89
18								
19	27	-1.717	33.270	2.634	8.05	0.343	46.41	94.87
20								
21	10	-1.669	33.199	2.632	8.211	0.190	521.	94.39
22								
23	0	-1.646	33.172	2.632	8.256	0.159	1725	94.09
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: -68 deg 32.70 min	GMT Date: 1/28/15
Station: -100.140	Longitude Start: -77 38.054	Start Time: 02:57 GMT
Event #: 425	Latitude End:	End Time: GMT
Cast #: 77	Longitude End:	
	Depth: 2898	Operator:
Data File Name:	Config File Name:	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	2865	0.435	34.705	3.040	4.606			97.8
2			"	"	"	"	"	"
3	1500	0.974	34.718	3.033	4.442			98.06
4								
5	1000	1.322	34.728	3.042	4.285			98.03
6								
7	350	1.544	34.730	3.055	4.221			98.03
8								
9	360	1.908	34.694	3.062	3.971			98.01
10								
11	100	-1.116	34.159	2.754	5.961	0.190		97.72
12								
13	75	-1.331	34.162	2.723	6.167	0.251		97.51
14								
15	50	-1.438	34.059	2.716	6.606	1.285		95.68
16								
17	35	-1.192	33.961	2.720	7.118	1.777		93.07
18								
19	25	0.449	33.612	2.863	7.622	1.197		92.79
20								
21	15	1.025	33.670	2.886	7.634	1.106		92.72
22								
23	0	1.124	33.613	2.893	7.629	1.145		93.09
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg -69 min 06.629	GMT Date:	1/27/15
Station:	13.4 -100.060	Longitude Start:	-76 26.728	Start Time:	08:30 GMT
Event #:	406	Latitude End:		End Time:	GMT
Cast #:	74	Longitude End:			
		Depth:	725	Operator:	
Data File Name:		Config File Name:			

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	687	1.374	34.17	3.032	3.002	0	0	97.12
2								
3	575	1.370	34.713	3.026	3.694	0	0	97.41
4								
5	440	1.344	34.702	3.022	4.003	0	0	97.60
6								
7	200	-1.207	34.201	2.751	5.984	0	0	97.77
8								
9	95	-1.690	33.3916	2.686	6.933	0.526	0.049	98.65
10								
11	75	-1.264	33.863	2.675	7.108	0.1220	0.146	97.35
12								
13	50	-1.222	33.805	2.668	7.189	0.282	0.470	97.14
14								
15	35	-1.754	33.699	2.662	7.345	0.373	1.040	97.41
16								
17	25	-1.718	33.617	2.666	7.425	0.617	2.05	95.34
18								
19	15	-1.381	33.510	2.680	7.738	0.862	4.10	93.43
20								
21	5	-0.877	33.090	2.688	8.148	0.862	10.46	92.33
22								
23	0	-0.880	33.089	2.687	8.149	0.862	19.36	92.17
24								

CTD Log Sheet

Cruise ID:	LMG1501	Latitude Start:	deg min -69 06.556	GMT Date:	1/27/15
Station:	700 1060	Longitude Start:	-76 23.228	Start Time:	01:24 GMT
Event #:	403	Latitude End:		End Time:	GMT
Cast #:	73	Longitude End:			
		Depth:	720	Operator:	
Data File Name:			Config File Name:		

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

Just
Cast to MOCHA
10
P.S.

CTD Log Sheet

Cruise ID: **LMG1501**

Latitude Start: **66** deg **30.98** min

GMT Date: **1/29/15**

Station: **300:100**

Longitude Start: **69** **51.806**

Start Time: **16:03** GMT

Latitude End:

End Time: GMT

Longitude End:

Event #: **932**

Cast #: **79**

Depth: **492**

Operator:

Data File Name:

Config File Name:

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1	467	1.389	34.701	3.024	4.296	0	0	97.93
2								
3	300	1.719	34.709	3.040	4.442	0	0	97.85
4								
5	250	1.624	34.676	3.030	3.893	0	0	97.93
6								
7	150	0.397	34.414	2.898	4.523	0	0.067	97.77
8								
9	100	-1.139	34.086	2.729	6.372	0	0.496	97.72
10								
11	60	-1.739	33.969	2.684	6.989	0.434	2.361	97.04
12								
13	50	-1.711	33.946	2.684	6.381	0.526	4.59	97.68
14								
15	35	-1.647	33.895	2.685	7.301	0.434	9.811	98.91
16								
17	27	-1.600	33.834	2.685	7.178	1.228	17.89	93.50
18								
19	15	-0.142	33.187	2.806	7.786	1.045	45.35	90.68
20								
21	5	0.715	33.179	2.825	7.783	0.770	98.52	90.31
22								
23	0	0.716	33.179	2.825	7.795	0.923	115.4	90.34
24								

CTD Log Sheet

Cruise ID: LMG1501	Latitude Start: <div>deg min</div> <div>-64 56.977</div>	GMT Date: 2/1/15
Station: Dalmer Deep	Longitude Start: -64 21.405	Start Time: 21:27 GMT
Event #: 449	Latitude End: <div></div>	End Time: <div></div> GMT
Cast #: 82	Longitude End: <div></div>	
	Depth: 1428	Operator: <div></div>
Data File Name: <div></div>	Config File Name: <div></div>	

Bottle	Depth	Temp	Sal	Cond	Oxygen	Fluor	PAR	% Trans
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

depth alt bottom
 1378 + 10m = 1388

1430

offset = 42m deeper than actual depth