

105B, 20A leaked after addn. of acetone
discard these sint vials after measurement

entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 1 of 1

Date acetone added: 30 Sept 13

Time acetone added: 11:35 a.m.

Date of analysis:

Analyst: Tamar

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.057			
STD			LOW	2-	12.121			
			HIGH	4-	65.786			26 Sept 13
Blank				6-	-0.057			#7 new 90% -0.052
7A	LB02		20	1-	104.576	2-	57.533	
1B	LB01		10	3-	76.121	4-	45.447	
6A	LB02		10	5-	65.748	6-	40.570	
20A	LB05		20	7-	306.357	8-	165.314	
49A	LB09		10	1-	101.858	2-	68.233	
64B	LB11		10	3-	27.158	4-	15.545	
84A	LB13		10	5-	24.006	6-	13.989	
105A	LB15		10	7-	25.112	8-	14.040	
159B	LC08		10	1-	33.636	2-	19.244	
174B	LC02		20	3-	56.155	4-	31.798	
1A	LB01		10	5-	80.918	6-	48.862	
11A	LB03		20	7-	162.280	8-	87.551	
20B	LB05		20	1-	307.648	2-	164.298	
6B	LB02		10	3-	68.621	4-	49.833	lots of filter particles
49B	LB09		10	5-	94.220	6-	63.520	
64A	LB11		10	7-	65.291	8-	14.417	
82B	LB12		10	1-	26.419	2-	14.916	
105B	LB15		10	3-	28.567	4-	16.372	
159A	LC08		10	5-	32.999	6-	19.029	
173B	LC02		20	7-	80.174	8-	46.013	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.058			
Std	Low			5-	12.072			
Std	High			7-	65.137			
Stand-	by			8-	-0.058			

7 A	1 B	4 A	20 A	40 A	64 B	84 A	105 A	159 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LB01	LB01	LB01	LB01	LB01	LB11	LB13	LB15	LC08
Bot-10	Bot-10	Bot-10	Bot-10	Bot-10	10 m	Max	5 m	20 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 4	Bot 1	Bot 1	Bot 1	Bot 1	Bot 10	Bot 2	Bot 1	Bot 10

174 B	1 A	11 A	30 B	4 B	40 B	64 A	82 B	105 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC02	LB01	LB03	LB05	LB07	LB09	LB11	LB12	LB15
10 m	Bot-10	Max	1 m	20 m	20 m	10 m	5 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 6	Bot 1	Bot 2	Bot 1	Bot 1	Bot 7	Bot 10	Bot 16	Bot 1

159 A	173 B
CHL	CHL
LC08	LC02
20 m	20 m
2013-38	2013-38
Bot 10	Bot 5

207B leaking acetone

entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 1 of 1

Date acetone added: 30 Sept 13

Time acetone added: 1:20 p.m.

Date of analysis: 01 Oct 13

Analyst: Tamara Frase

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.059			
STD			LOW	2-	11.999			
			HIGH	4-	64.996			
Blank				6-	-0.058			
346B	CS06	20	1-	141.979	2-	79.699		
207B	LG01	20	3-	313.232	4-	167.427		
214A	LG02	20	5-	281.162	6-	155.376		
356A	CS09	10	7-	83.678	8-	55.654		
357A	CS09	10	1-	178.013	2-	103.810		
195B	LC06	20	3-	246.122	4-	132.825	DF=2	
340B	CS04	20	5-	72.533	6-	40.814		
196A	LC07	20	7-	260.716	8-	144.778	DF=2	
202	LD02	20	1-	173.526	2-	91.799	DF=4	
344B	CS06	20	3-	80.703	4-	46.282		
200A	LD02	20	5-	143.841	6-	77.218	DF=4	
338A	CS04	20	7-	82.665	8-	47.056		
339A	CS04	10	1-	129.527	2-	73.375		
205B	LG01	20	3-	138.263	4-	82.308		
358B	CS09	20	5-	91.760	6-	52.784		
202	LD02	20	7-	282.595	8-	157.160	DF=2	
167B	LC01	20	1-	99.220	2-	54.337		
194B	LC06	20	3-	284.392	4-	153.881		
195A	LC06	20	5-	257.538	6-	136.090	DF=2	
345A	CS06	20	7-	173.943	8-	96.705		
			1-		2-			
			3-		4-			
			5-		6-			
			7-		8-			
Blank			3-	-0.059				
Std	Low		5-	12.004				
Std	High		7-	65.069				
Stand-	by		8-	-0.059				

346 ^B	207 ^B	214 ^A	356 ^A	357 ^A	195 ^B	340 ^B	196 ^A	202
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
CS06	LG01	LG02	CS09	CS09	LC06	CS04	LC07	LD02
5 m	5 m	10 Max	20 m	10 m	5 m	5 m	5 m	Max
2013-38	2013-38	2012-59	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 6	Bot 5	Bot 6	Bot 9	Bot 10	Bot 7	Bot 7	Bot 1	Bot 6

344 ^B	200 ^A	338 ^A	339 ^A	205 ^B	358 ^B	202	167 ^B	194 ^B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
CS06	LD02	CS04	CS04	LG01	CS09	LD02	LC01	LC06
20 m	10 m	20 m	10 m	20 m	5 m	Max	10 m	10 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 4	Bot 4	Bot 5	Bot 6	Bot 3	Bot 11	Bot 6	Bot 6	Bot 6

195 ^A	345 ^A
CHL	CHL
LC06	CS06
5 m	10 m
2013-38	2013-38
Bot 7	Bot 5

186B, 339B leaving acetone

Entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 1 of 2

Date acetone added: 30 Sept 13

Time acetone added: 3:35 pm

Date of analysis: 1 Oct 13

Analyst: Tamar

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by	330		1-	-0.060			
STD			LOW	2-	12.010			
			HIGH	4-	64.970			
Blank				6-	-0.058			
357B	CS09		10	1-	181.471	2-	105.274	
311A	CS00		10	3-	22.041	4-	12.486	
167A	LC01		20	5-	100.830	6-	54.870	
194A	LC06		20	7-	294.752	8-	160.441	
345B	CS06		20	1-	166.539	2-	92.595	
185B	LC04		20	3-	75.467	4-	42.454	
168A	LC01		20	5-	75.634	6-	41.414	
291A	LBP3		10	7-	120.788	8-	72.962	
358A	CS09		10	1-	186.571	2-	104.630	
196B	LC07		20	3-	270.354	4-	144.775	DF=2
214B	LG02	310	10	5-	207.460	6-	125.574	DF=2 lost ~ 20ml @ filtration
201A	LDL		20	7-	189.293	8-	107.217	
280A	LBP5		10	1-	110.265	2-	66.276	
187A	LC04		10	3-	98.777	4-	54.578	
336B	CS09		10	5-	87.654	6-	59.026	
215B	LG02		20	7-	265.647	8-	144.002	DF=2
199B	LDL		20	1-	161.078	2-	91.176	
186B	LC04		10	3-	138.766	4-	76.317	
339B	CS04		10	5-	133.662	6-	75.745	
186A	LC04		10	7-	147.372	8-	80.670	
201B	LDL		20	1-	184.861	2-	104.070	
206B	LG01		20	3-	211.591	4-	115.778	DF=2
346A	CS06		10	5-	265.451	6-	150.657	
207A	LG01		20	7-	299.876	8-	162.640	
Blank				3-	-0.056			
Std	Low			5-	11.968			
Std	High			7-	65.127			
Stand-	by			8-	-0.058			

357 ^B	311 ^A	167 ^A	194 ^A	345 ^B	185 ^B	168 ^A	291 ^A	358 ^A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
CS09	CS00	LC01	LC06	CS06	LC04	LC01	LBP3	CS09
10 m	10 m	10 m	10 m	10 m	20 m	5 m	10 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 10	Bot 19	Bot 6	Bot 6	Bot 5	Bot 8	Bot 7	Bot 9	Bot 11

196 ^B	214 ^B	201 ^A	280 ^A	187 ^A	356 ^B	215 ^B	199 ^B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC07	LG02	LD02	LBP5 MAX	LC04	CS09	LG02	LD02
5 m	10 Max	5 m	20 m	5 m	20 m	5 Max	20 m
2013-38	2012-59	2013-38	2013-38	2013-38	2013-38	2012-59	2013-38
Bot 1	Bot 6	Bot 5	Bot 17	Bot 10	Bot 9	Bot 7	Bot 3

oops ↑
lost in 20m

186 ^B	339 ^B	186 ^A	201 ^B	206 ^B	346 ^A	207 ^A
CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC04	CS04	LC04	LD02	LG01	CS06	LG01
10 m	10 m	10 m	5 m	10 m	5 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 9	Bot 6	Bot 9	Bot 5	Bot 4	Bot 6	Bot 5

entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 2 of 2

Date acetone added: 30 Sept 13

Time acetone added: 3:55 pm

Date of analysis: 9 Oct 13

Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	} see page 1			
STD			LOW	2-				
			HIGH	4-				
Blank				6-				
338B	CS04		20	1-	85.440	2-	49.237	
168B	LC01		10	3-	149.194	4-	81.976	
225B	LG04		10	5-	101.355	6-	59.761	
206A	LG01		20	7-	218.348	8-	117.632	DF=2
166B	LC01		10	1-	158.144	2-	89.825	
200B	LD02		20	3-	232.134	4-	146.204	DF=2
215A	LG02		20	5-	267.787	6-	144.408	DF=2
185A	LC04		10	7-	148.822	8-	82.636	
340A	CS04		10	1-	141.382	2-	80.263	
344A	CS06		10	3-4	96.630	4-6	67.240	(94, 0+2 = 3)
Loop 93 A			10	5-	66.793	6-5	42.793	6 = 41.256
199A	LD02		20	7-	153.850	8-	87.310	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.055			
Std	Low			5-	12.066			
Std	High			7-	64.741			
Stand-	by			8-	-0.060			

338 B	168 B	225	206 A	166 B	200 B	215 A	185 A	340 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
CS04	LC01	LG04	LG01	LC01	LD02	LG02	LC04	CS04
20 m	5 m	Max	10 m	20 m	10 m	5 m	20 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2012-59	2013-38	2013-38
Bot 5	Bot 7	Bot 10	Bot 4	Bot 5	Bot 4	Bot 7	Bot 8	Bot 7

344 A	199
CHL	CHL A
CS06	LD02
20 m	20 m
2013-38	2013-38
Bot 4	Bot 3

Entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 1 of 2

Date acetone added: 23 Sept 13

Time acetone added: 2:15 p.m.

Date of analysis: 24 Sept 13

Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by	#1883		1-	-0.059			
STD			LOW	2-	12.020			
			HIGH	4-	65.353			
Blank				6-	-0.061			
3A	LB01		20	1-	133.063	2-	72.062	
10A	LB03		10	3-	211.081	4-	114.419	
26A	LB06		10	5-	187.500	6-	105.548	
41A	LB08		20	7-	254.867	8-	139.757	
53A	LB10		10	1-	48.331	2-	27.571	
81A	LB12		10	3-	26.358	4-	15.050	
103A	LB14		10	5-	30.162	6-	16.756	
129B	LC11		10	7-	23.169	8-	12.673	
146B	LC09		10	1-	33.395	2-	18.785	
8B	LB02		10	3-	235.208	4-	126.743	
10B	LB03		10	5-	211.523	6-	114.575	and list #7
26	LB06		10	7-	191.530	8-	106.903	
40A	LB08		20	1-	246.164	2-	134.099	DF=2
53B	LB10		10	3-	54.383	4-	31.035	
80A	LB12		10	5-	26.373	6-	15.230	
102B	LB14		10	7-	29.635	8-	16.575	
161B	LC08		10	1-	27.753	2-	15.781	
130A	LC11		10	3-	25.828	4-	14.237	
146A	LC09		10	5-	34.410	6-	18.880	
161A	LC08		10	7-	28.749	8-	16.348	
2B	LB01		10	1-	295.680	2-	158.880	
11B	LB03		20	3-	167.830	4-	89.982	
21A	LB05		20	5-	200.592	6-	106.890	DF=2
41B	LB08		20	7-	268.262	8-	143.917	DF=2
Blank				3-				
Std	Low			5-				
Std	High			7-				
Stand-	by			8-				

3 A	10 A	26 A	41 A	81 A	103 A	129 B	146 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LB01	LB03	LB06	LB10	LB12	LB14	LC11	LC09
5 m	5 m	20 m	5 m	10 m	5 m	10 m	10 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 3	Bot 1	Bot 5	Bot 10	Bot 15	Bot 18	Bot 18	Bot 15

8 B	10 B	26 B	40 A	53 B	80 A	103 B	161 B	130 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LB02	LB03	LB06	LB10	LB12	LB14	LC08	LC11	LC11
5 m	5 m	20 m	10 m	5 m	20 m	5 m	5 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 5	Bot 1	Bot 5	Bot 1	Bot 14	Bot 18	Bot 12	Bot 19	

146 A	161 A	2 B	11 B	21 A	41 B
CHL	CHL	CHL	CHL	CHL	CHL
LC09	LC08	LB01	LB03	LB05	LB08
10 m	5 m	10 m	Max	Max	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 15	Bot 12	Bot 2	Bot 2	Bot 2	Bot 10

Entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 2 of 2

Date acetone added: 23 Sept 13

Time acetone added:

Date of analysis: 24 Sept 13

Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-				
			HIGH	4-				
Blank				6-				
63B	LB11		10	1-	24.815	2-	14.936	
84B	LB13	32.0ml	10	3-	44.804	4-	27.641	
106A	LB15		10	5-	20.810	6-	12.810	
130B	LC11		10	7-	23.686	8-	13.840	
128B	LC11		10	1-	21.391	2-	12.155	
160B	LC08		10	3-	31.360	4-	17.584	
18	LB04		20	5-	174.779	6-	94.728	
2A	LB01		20	7-	158.493	8-	85.423	
21B	LB05		20	1-	202.953	2-	108.808	DF=2
30B	LB07		20	3-	173.092	4-	98.401	DF=2
63A	LB11		10	5-	25.203	6-	15.058	
82A	LB12		10	7-	27.681	8-	16.215	
106B	LB15		10	1-	22.186	2-	13.768	
128A	LC11		10	3-	21.708	4-	12.273	
129A	LC11		10	5-	24.701	6-	14.132	
160A	LC08		10	7-	30.967	8-	17.690	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank			16.8	3-	-0.059			
Std	Low			5-	12.021			
Std	High			7-	65.124			
Stand-	by			8-	-0.058			

63 B
CHL
LB11
20 m
2013-38
Bot 9

84 B
CHL
LB13
Max
2013-38
Bot 2

106 A
CHL
LB15
Max
2013-38
Bot 2

130 B
CHL
LC11
5 m
2013-38
Bot 19

128 B
CHL
LC11
20 m
2013-38
Bot 17

160 B
CHL
LC08
10 m
2013-38
Bot 11

18
CHL
LC08
10 m
2013-38
Bot 7

2 A
CHL
LC08
10 m
2013-38
Bot 2

Lost AM 10 m
Spill

21 B
CHL
LB05
Max
2013-38
Bot 2

20 B
CHL
LB07
Max
2013-38
Bot 1

63 A
CHL
LB11
20 m
2013-38
Bot 9

82 A
CHL
LB12
5 m
2013-38
Bot 16

106 B
CHL
LB15
Max
2013-38
Bot 2

128 A
CHL
LC11
20 m
2013-38
Bot 17

129 A
CHL
LC11
10 m
2013-38
Bot 18

160 A
CHL
LC08
10 m
2013-38
Bot 11

✓ entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 1 of 2

Date acetone added: 25 Sept 13

Time acetone added: 3:20 pm

Date of analysis: 26 Sept 13

Analyst: Tamara

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.057			
STD			LOW	2-	12.092			
			HIGH	4-	65.492			
Blank				6-	-0.059			
176B	LC02		10	1-	126.310	2-	68.351	
145A	LC09		10	3-	40.130	4-	23.466	
108B	LB16		10	5-	16.531	6-	10.217	
102B	LB14		10	7-	25.506	8-	14.027	
81B	LB12		10	1-	25.796	2-	14.493	
39A	LB08		10	3-	100.058	4-	61.443	
17	LB04		20	5-	173.729	6-	92.819	
17	LB04		20	7-	169.116	8-	91.287	
173A	LC02		10	1-	159.973	2-	91.911	
145B	LC09		10	3-	36.732	4-	21.235	
107A	LB16		10	5-	17.928	6-	10.040	
102A	LB14		10	7-	26.297	8-	14.893	
80B	LB12		10	1-	26.669	2-	15.434	
27A	LB06		20	3-	182.523	4-	98.980	DF=2
18	LB04		20	5-	163.158	6-	87.301	
3B	LB01		20	7-	133.288	8-	72.159	
174A	LC02		10	1-	112.217	2-	63.976	
148A	LC09		10	3-	33.981	4-	18.839	
107B	LB16		10	5-	18.457	6-	10.421	
101B	LB14		10	7-	32.967	8-	18.936	
65B	LB11		10	1-	26.551	2-	15.272	
39B	LB08		10	3-	97.183	4-	59.868	
16	LB04		20	5-	179.467	6-	95.189	
8A	LB02		20	7-	123.542	8-	67.885	
Blank				3-	-0.057			
Std	Low			5-	11.925			
Std	High			7-	64.965			
Stand-	by			8-	-0.061			

176 B	145 A	108 B	102 B	81 B	39 A	17	17	173 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC02	LC09	LB16	LB14	LB12	LB08	LB04	LB04	LC02
5 m	20 m	Max	10 m	10 m	20 m	10 m	10 m	20 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 8	Bot 14	Bot 2	Bot 17	Bot 15	Bot 8	Bot 6	Bot 6	Bot 5

145 B	107 A	102 A	80 B	27 A	18	3 B	174 A	148 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC09	LB16	LB14	LB12	LB08	LB04	LB01	LC02	LC09
20 m	5 m	10 m	20 m	10 m	10 m	5 m	10 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 14	Bot 1	Bot 17	Bot 14	Bot 5	Bot 7	Bot 3	Bot 6	Bot 17

107 B	101 B	65 B	39 B	18	18 A
CHL	CHL	CHL	CHL	CHL	CHL
LB16	LB14	LB11	LB08	LB04	LB04
5 m	20 m	5 m	20 m	20 m	20 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 1	Bot 16	Bot 11	Bot 8	Bot 5	Bot 5

✓ entered

Chlorophyll Data Sheet

Cruise: 2013-38

Page: 2 of 2

Date acetone added: 25 Sept 13

Time acetone added: 3:10pm

Date of analysis: 26 Sept 13

Analyst: Tamar

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-				
STD			LOW	2-				
			HIGH	4-				
Blank				6-				
176A	LC02		10	1-	124.382	2-	67.804	
148B	LC09		10	3-2	33.442	4-	18.608	
108A	LB16		10	5-	16.235	6-	10.281	
101A	LB14		10	7-	32.282	8-	18.700	
65A	LB11		10	1-	26.197	2-	15.153	
7B	LB02		10	3-	209.695	4-	119.656	
50A	LB09		20	5-	181.446	6-	77.539	DF=2
40B	LB08		20	7-	257.951	8-	126.223	DF=2
28B	LB06		20	1-	145.274	2-	79.120	DF=2
16	LB04		20	3-	177.445	4-	94.885	
51B	LB09		20	5-	205.082	6-	111.201	DF=2
27B	LB06		20	7-	187.718	8-	102.552	DF=2
51A	LB09		20	1-	218.885	2-	118.881	DF=2
30A	LB07		20	3-	175.869	4-	99.721	DF=2
50B	LB09		20	5-	175.487	6-	96.095	DF=2
28A	LB06		20	7-	153.358	8-	82.847	DF=2
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Blank				3-	-0.057			
Std	Low			5-	11.951			
Std	High			7-	65.101			
Stand-	by			8-	-0.061			

300 ml ~ 10 ml during filtration

176 A	148 B	108 A	101 A	65 A	7 B	50 A	40 B	30 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC02	LC09	LB16	LB14	LB11	LB09	LB09	LB00	LB06
5 m	5 m	Max	20 m	5 m	10 m	10 m	10 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 8	Bot 17	Bot 2	Bot 16	Bot 11	Bot 6	Bot 6	Bot 9	Bot 7

16	31 B	27 B	31 A	30 A	30 B	30 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL
LB04	LB09	LB06	LB09	LB07	LB06	LB06
5 m	5 m	10 m	5 m	5 m	10 m	5 m
2013-38	2013-38	2013-38	2013-38	2013-38	2013-38	2013-38
Bot 5	Bot 9	Bot 6	Bot 9	Bot 1	Bot 6	Bot 7