



Appendix 19.2

Noise Data



Location	Description of Noise Events	Time (hrs:mins)	Duration (secs)	L _{Amax} , F (dB)	L _{Aeq} (dB)	L _{A90} (dB)
1		15:34	180	81.2	55	49.7
A	Distant traffic noise, aircraft flyover - sea noise controlled ambient and background	11:00	300	62.4	55.1	51.8
		16:44	300	54.5	42.7	36.3
		16:57	300	64.5	48.3	43.3
		17:10	300	69.4	63.3	60.5
B	Alarm from lock gates, light aircraft flyover, joggers/cyclists, bird song - distant traffic and water noise controlled background	10:09	900	61.5	48.9	45.9
	Occasional car accessing car park, cyclists/pedestrians, distant helicopter - sea noise controlled ambient and background	10:29	900	66.1	46.9	43.0
		16:35	300	70.3	48.2	41.6
C	Light traffic, masts clanking, distant dock noise - distant traffic noise controlled background	09:29	900	68.1	48.7	43.0
		15:55	300	55.4	43.2	40.3
E	Traffic noise, pedestrians, seagulls - sea noise controlled ambient and background	13:07	900	77.5	60.6	58.7
		15:48	300	66.6	57.3	55.3
F	Light traffic, seagulls/bird song - distant sea noise controlled background (line of sight to sea removed)	13:43	900	76.0	55.2	41.7
		16:07	900	74.1	53.3	40.3
	Traffic noise and sea noise - abandoned due to pedestrians returning to car adjacent to monitoring position with young children	16:00	120	70.1	59.0	55.8
G	Sea noise dominant - car pass-bys on The Princess Margaret Way sometimes audible over the sea	16:47	300	62.2	57.2	54.0

Location D, Swansea University Bay Campus – Survey data

Time	LAeq	LAmaz	LA10	LA90
19/04/2013 12:26	57.3	80.2	57.9	54.7
19/04/2013 12:31	56.5	62.1	57.9	54.6
19/04/2013 12:36	57.2	64.5	58.7	55
19/04/2013 12:41	56.1	62.7	57.5	54.2
19/04/2013 12:46	55.6	65.7	57.5	53.5
19/04/2013 12:51	55.8	59.5	57.5	53.8
19/04/2013 12:56	56.7	62.4	58.2	54.8
19/04/2013 13:01	55.5	62.1	56.8	53.9
19/04/2013 13:06	56.7	63.7	58.3	54.5
19/04/2013 13:11	56.8	61	58.3	54.7
19/04/2013 13:16	56.7	62.9	58.6	53.9
19/04/2013 13:21	56.7	63.8	58	55
19/04/2013 13:26	56.6	66.3	58.3	54.2
19/04/2013 13:31	57.6	63.4	59.1	56
19/04/2013 13:36	56.8	61.5	58.1	54.8
19/04/2013 13:41	56.4	61.8	57.9	54.8
19/04/2013 13:46	57.1	63.7	58.6	55.1
19/04/2013 13:51	56.6	64.6	58	54.8
19/04/2013 13:56	56.4	61.5	58	54.6
19/04/2013 14:01	56.9	61.8	58.1	55.5
19/04/2013 14:06	56.4	63.5	58.3	53.6
19/04/2013 14:11	56.2	61.7	57.4	54.9
19/04/2013 14:16	56.8	64.5	58.4	54.6
19/04/2013 14:21	56.4	60.9	58	54.4
19/04/2013 14:26	56	61.9	57.5	54.2
19/04/2013 14:31	55.7	64	58	53.1
19/04/2013 14:36	55.8	60.1	57.3	54.2
19/04/2013 14:41	56.4	61.8	57.7	54.6
19/04/2013 14:46	56.4	61.5	58	54.3
19/04/2013 14:51	55.5	61.7	57.3	53.2
19/04/2013 14:56	55.7	67.3	57	53.8
19/04/2013 15:01	56.8	61.9	58.1	55.2
19/04/2013 15:06	56.3	62.7	58	53.8
19/04/2013 15:11	56.1	62.4	57.9	53.6
19/04/2013 15:16	57.2	62.8	58.9	55.2
19/04/2013 15:21	55.9	63.2	57.7	54
19/04/2013 15:26	56.4	63	58	54.3
19/04/2013 15:31	55.9	59.9	57.5	53.8
19/04/2013 15:36	55.2	60.4	56.6	53.3
19/04/2013 15:41	55.8	61	57.3	54
19/04/2013 15:46	57.1	62.3	58.9	54.9
19/04/2013 15:51	56.2	63.5	58	54.2
19/04/2013 15:56	55.6	60.1	57.7	53.4
19/04/2013 16:01	56.2	62.5	58.5	53.7
19/04/2013 16:06	55.5	63.3	57.1	53.2
19/04/2013 16:11	55.2	61.1	56.9	53
19/04/2013 16:16	54.8	60.9	57.1	52.3
19/04/2013 16:21	56.8	64.5	59.6	53.6
19/04/2013 16:26	56.3	62.4	58.7	53

Time	LAeq	LAmaz	LA10	LA90
19/04/2013 16:31	56	61.5	58	53.2
19/04/2013 16:36	56.3	63.5	58.1	53.4
19/04/2013 16:41	56.6	62.9	58.2	54.5
19/04/2013 16:46	57.8	64.4	60.1	54.4
19/04/2013 16:51	56.9	66	58.9	53.9
19/04/2013 16:56	57.5	62.1	59.5	54.8
19/04/2013 17:01	56.1	65.5	58.2	53.5
19/04/2013 17:06	56.8	64.3	59.2	53.4
19/04/2013 17:11	56.3	62.5	58.5	53.2
19/04/2013 17:16	56	62.8	58.2	52
19/04/2013 17:21	55	61.9	56.7	52.5
19/04/2013 17:26	55.3	60.7	57.3	51.8
19/04/2013 17:31	54.6	67.7	56	51.9
19/04/2013 17:36	55.3	61.2	57.4	52.2
19/04/2013 17:41	56.4	68.1	58.3	53.5
19/04/2013 17:46	56	63.4	58.1	53.4
19/04/2013 17:51	57	67.4	59.6	53.6
19/04/2013 17:56	56.8	65.2	58.9	53.5
19/04/2013 18:01	56.1	65.2	57.9	53.2
19/04/2013 18:06	56.8	62.6	59.2	53.1
19/04/2013 18:11	55.2	62.8	57.2	52.9
19/04/2013 18:16	53.5	60.3	55.2	51
19/04/2013 18:21	55.1	62.5	57.6	50.9
19/04/2013 18:26	53.8	60.4	56	50.4
19/04/2013 18:31	52.5	57.8	54.6	49.8
19/04/2013 18:36	54.9	60.6	57.3	51.8
19/04/2013 18:41	54.4	61.9	56.1	51.9
19/04/2013 18:46	53.5	62.2	55.8	50
19/04/2013 18:51	54.1	59.2	56.3	50.9
19/04/2013 18:56	54.3	60.8	56.6	50.4
19/04/2013 19:01	53.6	59	55.5	50.9
19/04/2013 19:06	53.3	59.1	55.5	50
19/04/2013 19:11	53.9	59.7	56	51.2
19/04/2013 19:16	54.5	61.7	57.2	51
19/04/2013 19:21	53	58.5	55.2	49.3
19/04/2013 19:26	53.2	60.7	55.6	49.9
19/04/2013 19:31	53	58.9	55	49.7
19/04/2013 19:36	52.6	58.6	54.9	48.6
19/04/2013 19:41	53.5	62.8	55.2	50.5
19/04/2013 19:46	52.1	61.2	53.9	49.6
19/04/2013 19:51	51.6	57.8	53.5	47.7
19/04/2013 19:56	50.1	56.4	52.2	47.2
19/04/2013 20:01	52.2	57.5	54.4	48.8
19/04/2013 20:06	51.1	57.3	52.8	49.2
19/04/2013 20:11	51.2	56.3	53.4	47.6
19/04/2013 20:16	51.5	56.7	53	49.6
19/04/2013 20:21	51.9	56.9	53.7	49.6
19/04/2013 20:26	53.7	61.6	55.7	51.3
19/04/2013 20:31	52.8	58	54.9	50
19/04/2013 20:36	52.4	58.5	54.3	49.7
19/04/2013 20:41	51.8	59.2	53.7	49.2

Time	LAeq	LAmaz	LA10	LA90
19/04/2013 20:46	51.3	57.3	53.2	48.6
19/04/2013 20:51	50.7	55.6	52.6	48.9
19/04/2013 20:56	50.1	55	52	47.7
19/04/2013 21:01	50.5	54.6	52	48.3
19/04/2013 21:06	52.5	58.2	54.1	50.4
19/04/2013 21:11	52.9	57.3	54.3	51.1
19/04/2013 21:16	51.2	56.7	53.2	48.2
19/04/2013 21:21	51.2	56.7	53.2	48.5
19/04/2013 21:26	51.6	57.2	53.3	49.3
19/04/2013 21:31	52.1	56.2	53.8	50.3
19/04/2013 21:36	52.8	59.2	54.6	49.9
19/04/2013 21:41	52.9	57.8	54.6	50.5
19/04/2013 21:46	52.4	57.1	53.9	50.8
19/04/2013 21:51	51.4	59.3	52.8	49.6
19/04/2013 21:56	50.6	54.1	52	49
19/04/2013 22:01	51.6	54.5	52.7	50.4
19/04/2013 22:06	52.4	57.7	53.8	50.6
19/04/2013 22:11	52.9	57.7	55	49.6
19/04/2013 22:16	53.8	62.3	55.9	51.1
19/04/2013 22:21	53.2	58.5	55.3	50.3
19/04/2013 22:26	52.6	57.2	54.4	49.8
19/04/2013 22:31	53	59.5	54.9	50.8
19/04/2013 22:36	53.4	59.6	55.6	50.6
19/04/2013 22:41	53.8	62	55.3	51.8
19/04/2013 22:46	53.7	61.7	55.2	51.8
19/04/2013 22:51	52.5	60.3	54	50.6
19/04/2013 22:56	53.3	58.3	55	51.1
19/04/2013 23:01	53.4	59	55.7	51.3
19/04/2013 23:06	53.4	58.4	54.7	51.9
19/04/2013 23:11	54.3	59	55.7	52.4
19/04/2013 23:16	53.2	58.5	54.8	50.7
19/04/2013 23:21	53.2	59	55.7	49.9
19/04/2013 23:26	53.1	59.6	55.6	50.1
19/04/2013 23:31	52.6	56.7	54.1	50.9
19/04/2013 23:36	52.9	58.4	54.3	51.2
19/04/2013 23:41	52.9	59.6	54.9	50.8
19/04/2013 23:46	52.2	60.1	54	50
19/04/2013 23:51	53.2	59.8	55.5	50.4
19/04/2013 23:56	52.2	57.5	53.9	50.3
20/04/2013 00:01	52.2	62.7	53.6	50.3
20/04/2013 00:06	52.5	57.8	54.5	50
20/04/2013 00:11	51.8	57.7	53.6	49.8
20/04/2013 00:16	52	59	54.4	49.2
20/04/2013 00:21	51.5	56.9	53.6	48.9
20/04/2013 00:26	52.7	58.8	54.2	50.7
20/04/2013 00:31	51.2	57.4	52.8	48.8
20/04/2013 00:36	53.7	62.2	55.9	50.5
20/04/2013 00:41	54.6	60.6	56.7	51.9
20/04/2013 00:46	53.3	60.1	55.2	51.2
20/04/2013 00:51	53.9	61.2	55.9	51.5
20/04/2013 00:56	53.3	65.4	55.4	49.8

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 01:01	53.4	59.8	55.3	51.4
20/04/2013 01:06	54	63.7	56.2	49.9
20/04/2013 01:11	51.4	56.3	53.6	48.7
20/04/2013 01:16	52.4	59.7	54.7	49.3
20/04/2013 01:21	52.4	60.6	54.6	49.7
20/04/2013 01:26	53.2	61.8	55.8	49
20/04/2013 01:31	53.3	59.9	55.5	50
20/04/2013 01:36	54.4	64.9	56.3	51.6
20/04/2013 01:41	53.2	59.8	55.8	50
20/04/2013 01:46	54.3	64.2	56.4	51.3
20/04/2013 01:51	53.4	62.3	55.4	50.9
20/04/2013 01:56	51.2	62.3	53.2	48.3
20/04/2013 02:01	51.1	57.7	53.1	49
20/04/2013 02:06	52.1	61.1	54.1	49.1
20/04/2013 02:11	51.6	60.3	53.7	48.8
20/04/2013 02:16	51.1	59.7	53.4	48.4
20/04/2013 02:21	52.9	60.4	55.6	49.4
20/04/2013 02:26	52.5	61.6	54.8	49.7
20/04/2013 02:31	52.1	61.6	54.6	48.6
20/04/2013 02:36	52.4	60.5	54.3	50
20/04/2013 02:41	52.3	58.8	54.2	49.9
20/04/2013 02:46	51.4	58.3	53.1	49.4
20/04/2013 02:51	52.9	57.3	54.6	50.8
20/04/2013 02:56	52.6	59.9	54.7	49.8
20/04/2013 03:01	51.7	61.3	53.2	49.7
20/04/2013 03:06	51.5	56.5	53.2	49.5
20/04/2013 03:11	50.7	58.4	52.5	48.9
20/04/2013 03:16	50.2	58.8	51.9	48.5
20/04/2013 03:21	51.7	59	53.7	48.9
20/04/2013 03:26	49.9	55.4	51.5	48.3
20/04/2013 03:31	51.7	58	53.7	48.7
20/04/2013 03:36	51.1	58.4	53.2	48.4
20/04/2013 03:41	50.3	58.5	52.3	47.8
20/04/2013 03:46	51.1	60.6	53.2	47.6
20/04/2013 03:51	49.9	60.2	51.8	47.7
20/04/2013 03:56	50.1	58.5	51.8	48
20/04/2013 04:01	49	56.4	50.6	47.1
20/04/2013 04:06	49.5	56.9	52	46.2
20/04/2013 04:11	49	55.6	50.9	46.8
20/04/2013 04:16	50.6	56.7	52.4	48.5
20/04/2013 04:21	49.3	57.5	51.7	46.2
20/04/2013 04:26	50.4	61.1	53	46.5
20/04/2013 04:31	49.5	61.2	51.9	46.4
20/04/2013 04:36	49.3	57.2	51.9	45.9
20/04/2013 04:41	50.2	56.4	52	47.9
20/04/2013 04:46	48.6	57.3	51.4	45.1
20/04/2013 04:51	50.7	58.5	53	47
20/04/2013 04:56	48.3	56	50.4	45.7
20/04/2013 05:01	50.2	58.9	52.8	45.9
20/04/2013 05:06	49.6	58.9	52.2	46.2
20/04/2013 05:11	49.7	57.4	52.7	44.9

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 05:16	50.8	58.6	53.4	47.1
20/04/2013 05:21	50	57.2	52.4	47
20/04/2013 05:26	51.2	57.6	53.9	47.5
20/04/2013 05:31	51.9	60.2	54.4	47
20/04/2013 05:36	52.4	59.6	54.6	48.8
20/04/2013 05:41	53.2	64.9	55.4	48.7
20/04/2013 05:46	50.8	58.6	53.4	47.6
20/04/2013 05:51	51.4	59.4	54	48.2
20/04/2013 05:56	50.4	60	53	46.5
20/04/2013 06:01	49.4	57.3	52	45.8
20/04/2013 06:06	51.6	59.8	54.1	46.4
20/04/2013 06:11	51.3	60.8	54.3	46
20/04/2013 06:16	51.4	61.7	53.2	48.8
20/04/2013 06:21	53.6	60.4	55.8	49.8
20/04/2013 06:26	52.6	58.9	54.7	49
20/04/2013 06:31	53.5	58.8	55.2	51.4
20/04/2013 06:36	54.1	59.2	55.9	51.9
20/04/2013 06:41	53.6	59.3	55.8	50.7
20/04/2013 06:46	54.8	61.5	56.4	52.3
20/04/2013 06:51	53.5	60.4	55.9	50.4
20/04/2013 06:56	52.4	59	54.7	48.8
20/04/2013 07:01	52.8	57.5	54.8	50.3
20/04/2013 07:06	53.1	60.5	55.6	49.6
20/04/2013 07:11	52.1	59.6	54	48.7
20/04/2013 07:16	52.4	57.4	54.2	50.2
20/04/2013 07:21	52	57.4	53.8	49.8
20/04/2013 07:26	51.7	58.7	54.2	48.2
20/04/2013 07:31	52.7	58.4	54.7	49.8
20/04/2013 07:36	52.9	57.1	54.6	50.4
20/04/2013 07:41	51.5	55.1	52.7	49.9
20/04/2013 07:46	50.1	55.4	52	47.8
20/04/2013 07:51	50.6	54.8	52.5	48.4
20/04/2013 07:56	48.2	53.5	50.4	45.4
20/04/2013 08:01	48.3	54.1	50.7	45.2
20/04/2013 08:06	48.3	53.6	50.4	45.4
20/04/2013 08:11	47.9	52.8	49.8	45.4
20/04/2013 08:16	46.4	61	49.1	42.6
20/04/2013 08:21	47.2	56.5	49.1	43.9
20/04/2013 08:26	45.2	50.8	47.5	41.8
20/04/2013 08:31	42.8	48.1	44.6	40.5
20/04/2013 08:36	43.8	48.4	45.5	41.1
20/04/2013 08:41	44.9	49.7	46.8	42.4
20/04/2013 08:46	44.9	50.7	46.6	41.9
20/04/2013 08:51	45.7	56.8	48	42.4
20/04/2013 08:56	45.6	51.6	47.9	41.7
20/04/2013 09:01	46.3	50.7	48.2	43.4
20/04/2013 09:06	45.9	51.1	48.3	41.8
20/04/2013 09:11	46	53.8	48.5	42.4
20/04/2013 09:16	45.9	50.6	48	43.3
20/04/2013 09:21	46.8	54.7	48.8	43.9
20/04/2013 09:26	46.3	50.8	47.7	44.7

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 09:31	45.8	52.7	47.4	43.2
20/04/2013 09:36	45.9	53.7	47.5	43.8
20/04/2013 09:41	46.1	51.2	47.4	44
20/04/2013 09:46	46.9	52.6	48.5	44.7
20/04/2013 09:51	46.3	51.5	47.8	44.5
20/04/2013 09:56	46.5	50.6	47.8	44.9
20/04/2013 10:01	47.4	53.8	50.1	45
20/04/2013 10:06	46.1	50.3	47.9	44.1
20/04/2013 10:11	47.1	53.7	48.4	44.9
20/04/2013 10:16	45.8	51.9	46.7	44.7
20/04/2013 10:21	46.7	50.3	47.8	45.4
20/04/2013 10:26	48.3	51.6	50.1	46.7
20/04/2013 10:31	48.3	51.6	49.6	46.9
20/04/2013 10:36	48.4	51.6	49.4	47.4
20/04/2013 10:41	48.7	51.8	49.6	47.8
20/04/2013 10:46	49.4	52.3	50.3	48.1
20/04/2013 10:51	49.8	54.2	51.2	48.5
20/04/2013 10:56	51.3	55.6	52.3	50.2
20/04/2013 11:01	51.7	53.8	52.5	50.7
20/04/2013 11:06	51.8	53.8	52.5	51.2
20/04/2013 11:11	52	53.7	52.7	51.1
20/04/2013 11:16	52	53.9	52.8	51
20/04/2013 11:21	52.3	57.3	53.3	50.9
20/04/2013 11:26	53.7	61.6	55.9	51.3
20/04/2013 11:31	52.3	54	53.1	51.5
20/04/2013 11:36	53.5	59.1	54.4	52.1
20/04/2013 11:41	54.1	56.9	55.4	52.6
20/04/2013 11:46	53.1	55.2	54.1	52.2
20/04/2013 11:51	53	54.9	53.8	52.1
20/04/2013 11:56	52.7	58.6	53.5	51.6
20/04/2013 12:01	53.1	57	54	52
20/04/2013 12:06	53.2	55.5	54.3	52
20/04/2013 12:11	53.4	56	54.4	52.1
20/04/2013 12:16	53.6	56.5	54.4	52.7
20/04/2013 12:21	52.9	56.4	53.9	51.5
20/04/2013 12:26	52.9	55.1	54	51.6
20/04/2013 12:31	53.2	56.5	54.5	51.7
20/04/2013 12:36	52.7	55	53.6	51.8
20/04/2013 12:41	52.4	55.5	53.6	51
20/04/2013 12:46	52.2	55.4	53.4	50.9
20/04/2013 12:51	52.4	55.7	53.7	50.9
20/04/2013 12:56	51.8	55.2	53.1	50.3
20/04/2013 13:01	51.1	58.5	52.6	49.1
20/04/2013 13:06	51.3	54.6	52.5	50
20/04/2013 13:11	51.6	55	53	50
20/04/2013 13:16	51.9	57.2	53.2	50.3
20/04/2013 13:21	51.5	55.3	52.9	49.8
20/04/2013 13:26	51.2	54.3	52.7	49.2
20/04/2013 13:31	51	54.4	52.4	49.2
20/04/2013 13:36	51.4	58	52.9	49.7
20/04/2013 13:41	51.3	55.4	52.9	49.3

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 13:46	52	57	53.8	50
20/04/2013 13:51	51.4	54.8	52.9	49.9
20/04/2013 13:56	51.5	54.7	53.1	49.5
20/04/2013 14:01	51.6	55.7	53.3	49.4
20/04/2013 14:06	51.4	56	53	49.2
20/04/2013 14:11	51.6	56.7	53.8	49.2
20/04/2013 14:16	51.7	55.6	53.4	49.5
20/04/2013 14:21	51.8	55.5	53.4	49.7
20/04/2013 14:26	51.3	55.9	52.9	49.2
20/04/2013 14:31	51.8	56.1	53.4	49.6
20/04/2013 14:36	51.6	55.7	53.4	49.2
20/04/2013 14:41	51.5	56	53.5	48.7
20/04/2013 14:46	50.9	56	53	48.4
20/04/2013 14:51	51.4	55.2	53	49.1
20/04/2013 14:56	51.5	56.2	53	49.5
20/04/2013 15:01	51.6	56.7	53.6	49.1
20/04/2013 15:06	51.2	54.8	52.9	48.4
20/04/2013 15:11	51	54.9	52.7	48.8
20/04/2013 15:16	51.1	54.6	52.6	49.2
20/04/2013 15:21	51.2	55.6	52.8	48.9
20/04/2013 15:26	50.9	54.1	52.4	49
20/04/2013 15:31	51.2	55.7	52.9	49
20/04/2013 15:36	51.8	57.3	53.8	49.2
20/04/2013 15:41	51.2	55.9	53	49.1
20/04/2013 15:46	50.3	55.4	52.2	47.7
20/04/2013 15:51	50.6	54.2	52.2	48.5
20/04/2013 15:56	50.5	54.5	52.1	48.5
20/04/2013 16:01	50.5	55.8	52.4	48.5
20/04/2013 16:06	50.9	54.7	52.7	48.5
20/04/2013 16:11	50.4	53.9	52	48.6
20/04/2013 16:16	50.8	54.3	52.3	48.6
20/04/2013 16:21	50.4	53.1	51.7	48.7
20/04/2013 16:26	50.1	54.7	51.5	48.4
20/04/2013 16:31	50.6	53.5	52	48.7
20/04/2013 16:36	50.6	53.6	51.9	48.8
20/04/2013 16:41	50	53.2	51.7	48.1
20/04/2013 16:46	51.1	54.3	52.6	49.2
20/04/2013 16:51	50.7	59.2	51.7	49.6
20/04/2013 16:56	50.7	53.4	51.7	49.6
20/04/2013 17:01	50.2	53	51.3	48.8
20/04/2013 17:06	50.5	54.2	51.8	49.1
20/04/2013 17:11	49.9	52.2	50.9	48.8
20/04/2013 17:16	49.8	52.4	51	48.4
20/04/2013 17:21	49.6	52.2	50.7	48.2
20/04/2013 17:26	49.3	51.9	50.6	48.1
20/04/2013 17:31	48.7	51.2	49.6	47.6
20/04/2013 17:36	54.6	64.5	58.9	48.9
20/04/2013 17:41	52.1	62.9	54.5	47.5
20/04/2013 17:46	48.5	51.4	49.7	47
20/04/2013 17:51	47.4	49.7	48.5	46.5
20/04/2013 17:56	46.5	49	47.3	45.7

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 18:01	47	52.9	48	45.8
20/04/2013 18:06	46.8	50.8	47.9	45.6
20/04/2013 18:11	47	53.6	48.1	45.7
20/04/2013 18:16	46.7	50.7	48	45.4
20/04/2013 18:21	46	49.7	47.1	44.6
20/04/2013 18:26	45.7	48.8	47	44.3
20/04/2013 18:31	46.1	50.7	47.3	44.8
20/04/2013 18:36	45.5	50.6	46.6	44.3
20/04/2013 18:41	45.4	49.6	46.4	44.2
20/04/2013 18:46	44.3	48.9	46.1	42.7
20/04/2013 18:51	44.6	47.7	45.6	43.5
20/04/2013 18:56	44	48.6	45.3	41.8
20/04/2013 19:01	42.7	50.6	44.2	40.7
20/04/2013 19:06	43.7	51.6	46.1	40.8
20/04/2013 19:11	43.2	50.7	44.8	41.4
20/04/2013 19:16	42.8	53.7	44.4	40.2
20/04/2013 19:21	43	49.6	44.7	40.7
20/04/2013 19:26	43.4	48.5	45.3	40.6
20/04/2013 19:31	49.6	60	54.4	43
20/04/2013 19:36	44.5	53.1	46.2	41.7
20/04/2013 19:41	45.3	51.7	47.5	42.7
20/04/2013 19:46	44	48.9	46	41.1
20/04/2013 19:51	44.6	50.9	46.4	41.5
20/04/2013 19:56	43.5	50.2	45.2	40
20/04/2013 20:01	44.3	50	46.2	40.9
20/04/2013 20:06	44.5	52.2	46.7	41.3
20/04/2013 20:11	44.4	50.4	46.8	41
20/04/2013 20:16	45.8	51.2	47.6	43.4
20/04/2013 20:21	45.8	51.3	48.6	41.6
20/04/2013 20:26	45.8	54.5	47.7	42
20/04/2013 20:31	46	56	48.3	41.6
20/04/2013 20:36	45.8	50.7	48	42
20/04/2013 20:41	46.3	52.6	47.9	44
20/04/2013 20:46	45.6	51.5	47.5	42.5
20/04/2013 20:51	44.8	50.3	47.1	40.4
20/04/2013 20:56	46.4	52.8	49	42.7
20/04/2013 21:01	44.7	49.5	47.1	40.2
20/04/2013 21:06	46.4	53.3	48.9	42.4
20/04/2013 21:11	46.8	53	49.4	43
20/04/2013 21:16	47.5	52.4	49.8	44.1
20/04/2013 21:21	45.8	51.4	48.2	42.4
20/04/2013 21:26	46.5	51.6	48.4	43.8
20/04/2013 21:31	47.9	53.4	49.9	45.2
20/04/2013 21:36	47.8	58.7	50.3	43.7
20/04/2013 21:41	46.3	51.1	48.2	43.6
20/04/2013 21:46	47.1	51.6	49.2	45
20/04/2013 21:51	46.9	52.5	49.8	44.2
20/04/2013 21:56	45.6	51.6	47.5	42.2
20/04/2013 22:01	45.9	50.5	47.7	43.2
20/04/2013 22:06	47.1	52.3	49.5	43.8
20/04/2013 22:11	47	54.3	49.3	44

Time	LAeq	LAmaz	LA10	LA90
20/04/2013 22:16	46.3	52.9	48.3	43.7
20/04/2013 22:21	46	50.6	47.9	43.6
20/04/2013 22:26	47.9	53.2	49.9	44.8
20/04/2013 22:31	46.9	52.6	48.8	43.1
20/04/2013 22:36	45.1	52.6	47.2	42.4
20/04/2013 22:41	46.7	53.4	48.7	44
20/04/2013 22:46	46	50.6	48.1	43.4
20/04/2013 22:51	46.9	52	48.9	44.6
20/04/2013 22:56	47.5	52.3	49.4	44.8
20/04/2013 23:01	47.2	53.7	49.3	44
20/04/2013 23:06	48.3	53.1	50.4	45.5
20/04/2013 23:11	47.8	53.3	49.7	45.3
20/04/2013 23:16	47.7	52.7	49.6	44.9
20/04/2013 23:21	47.1	51.7	48.8	44.7
20/04/2013 23:26	47.2	52.1	49.1	44.9
20/04/2013 23:31	47.7	53	49.3	45.4
20/04/2013 23:36	46.7	51.8	48.1	44.6
20/04/2013 23:41	46.4	51	48.5	44
20/04/2013 23:46	47.2	51.3	48.8	45.1
20/04/2013 23:51	47.9	51.6	49.6	45.9
20/04/2013 23:56	49.1	53.1	50.8	47.4
21/04/2013 00:01	48.8	52.1	49.9	47.7
21/04/2013 00:06	51.3	54.8	52.9	49
21/04/2013 00:11	50	53.3	51.5	48.1
21/04/2013 00:16	49.4	53.2	50.6	47.8
21/04/2013 00:21	50.8	55.9	52.2	49.3
21/04/2013 00:26	51.9	58.7	54.5	49.3
21/04/2013 00:31	50.7	55.8	52	49.1
21/04/2013 00:36	50.5	54.1	52	48.7
21/04/2013 00:41	49.9	53.2	51.1	48.6
21/04/2013 00:46	49.5	52.2	50.8	48.1
21/04/2013 00:51	50.5	54	51.8	49.1
21/04/2013 00:56	50.3	54	51.7	48.8
21/04/2013 01:01	51.1	55.2	52.5	49.3
21/04/2013 01:06	49.3	53.5	51	47.1
21/04/2013 01:11	49	54.1	50.9	46.5
21/04/2013 01:16	49.3	54	50.9	47.4
21/04/2013 01:21	51.8	56.1	53.7	49.5
21/04/2013 01:26	51.5	57.4	53.1	49.1
21/04/2013 01:31	51.6	55.8	53	49.8
21/04/2013 01:36	51.6	55.6	53.2	50
21/04/2013 01:41	51.9	56.3	53.4	49.8
21/04/2013 01:46	51.1	58.5	52.7	48.9
21/04/2013 01:51	50.1	57.7	52.5	47.2
21/04/2013 01:56	49.7	55	51.4	47.9
21/04/2013 02:01	50.3	54.1	51.8	48.4
21/04/2013 02:06	50.6	56.6	52.8	47.7
21/04/2013 02:11	50	55.3	52.2	47.2
21/04/2013 02:16	50.6	56.1	52.6	47.4
21/04/2013 02:21	49.7	58.6	51.4	47.2
21/04/2013 02:26	49.3	54.9	51	46.7

Time	LAeq	LAmaz	LA10	LA90
21/04/2013 02:31	52.5	58	54.7	49.1
21/04/2013 02:36	50.6	56	52.8	47.2
21/04/2013 02:41	50.8	58.8	53.4	47
21/04/2013 02:46	49.5	55.9	51.3	47.1
21/04/2013 02:51	50.3	60.2	52.2	47.7
21/04/2013 02:56	50.7	56.6	53	47.8
21/04/2013 03:01	51.1	66.1	53.6	45.8
21/04/2013 03:06	52	61	54.2	48.5
21/04/2013 03:11	50.8	60	52.8	47.5
21/04/2013 03:16	49.9	56.1	51.9	47.3
21/04/2013 03:21	49.9	64.5	51.8	46.4
21/04/2013 03:26	50.7	59.5	53.2	47
21/04/2013 03:31	51.7	59.7	54	46.7
21/04/2013 03:36	50.3	57.8	52.7	45.7
21/04/2013 03:41	49.9	55.9	51.9	46.4
21/04/2013 03:46	51.3	62.1	54.2	46.7
21/04/2013 03:51	50.3	57.8	53.3	46.1
21/04/2013 03:56	48.8	54.4	50.9	46.3
21/04/2013 04:01	51	58	52.9	47.8
21/04/2013 04:06	49.8	57.6	52.6	46.5
21/04/2013 04:11	49.4	57.6	51.6	46.1
21/04/2013 04:16	49	56.1	51	46
21/04/2013 04:21	49.4	56.4	52	45.5
21/04/2013 04:26	50	57.3	52.4	46.9
21/04/2013 04:31	50.1	57.9	51.7	48
21/04/2013 04:36	50.6	59.4	52.9	47.1
21/04/2013 04:41	48.9	58.7	51.5	45.3
21/04/2013 04:46	48.2	56.9	49.9	45.5
21/04/2013 04:51	48	55.4	50.3	45.1
21/04/2013 04:56	48.8	56.2	51	46.2
21/04/2013 05:01	48.7	54.9	51.4	45.7
21/04/2013 05:06	47.6	53.3	49.9	44.7
21/04/2013 05:11	47.9	53.7	49.7	46
21/04/2013 05:16	47.7	53.6	49.7	45.1
21/04/2013 05:21	47.6	55.6	49.4	45.3
21/04/2013 05:26	49.1	57.5	51.8	45.2
21/04/2013 05:31	48	56.5	50.1	44.6
21/04/2013 05:36	49.1	57.6	51	46.5
21/04/2013 05:41	50.2	57.8	52.2	47.6
21/04/2013 05:46	50.1	56.6	52.3	47
21/04/2013 05:51	49.2	58.1	51.1	47.3
21/04/2013 05:56	51.2	61.6	52.8	48.6
21/04/2013 06:01	50.3	54.9	52	48.2
21/04/2013 06:06	50.6	54.3	52	48.9
21/04/2013 06:11	50.1	53.8	51.6	47.9
21/04/2013 06:16	50.8	56.2	52.4	48.8
21/04/2013 06:21	50.6	55.2	52.6	48
21/04/2013 06:26	50.5	54.5	52.4	48.2
21/04/2013 06:31	50.9	55.2	52.2	49.4
21/04/2013 06:36	49.7	53.5	51.2	48.2
21/04/2013 06:41	47.7	52	49.3	45.9

Time	LAeq	LAmaz	LA10	LA90
21/04/2013 06:46	44.8	49.1	46	43.5
21/04/2013 06:51	44.3	49.1	45.3	43.1
21/04/2013 06:56	43.6	51.6	44.3	42.7
21/04/2013 07:01	42.5	48.4	44.1	41.1
21/04/2013 07:06	42.4	47.9	43.2	41.3
21/04/2013 07:11	42.3	49.4	43.2	41.4
21/04/2013 07:16	41.9	56.6	43.1	40.5
21/04/2013 07:21	41	50.6	42.4	39.6
21/04/2013 07:26	40.8	48.7	42.6	39.2
21/04/2013 07:31	41.1	50.3	42.5	39.5
21/04/2013 07:36	41	50.1	42.9	39
21/04/2013 07:41	43.3	66.5	44.2	38.7
21/04/2013 07:46	42.3	56.7	44.4	38.9
21/04/2013 07:51	41.9	57	44.4	39
21/04/2013 07:56	42.6	53.6	45.2	38.9
21/04/2013 08:01	43.5	52.4	45.9	40.3
21/04/2013 08:06	45	55.3	47.5	41.3
21/04/2013 08:11	46.1	54.2	48.8	42.2
21/04/2013 08:16	45.6	54.1	48.2	41.8
21/04/2013 08:21	45.6	54.1	48.4	41.8
21/04/2013 08:26	45.9	54.7	48.9	41.3
21/04/2013 08:31	46.7	56.8	49.8	42.2
21/04/2013 08:36	46.1	55.4	49.1	42
21/04/2013 08:41	46.5	55.1	49.6	41.7
21/04/2013 08:46	45	56.6	47.7	41.1
21/04/2013 08:51	45.8	56.1	48.8	41.6
21/04/2013 08:56	45.5	55.4	48	41.8
21/04/2013 09:01	45.7	54.8	48.4	42
21/04/2013 09:06	46.1	56.8	49.1	41.8
21/04/2013 09:11	44.2	54	46.5	41.5
21/04/2013 09:16	45.5	55.5	48.2	42.1
21/04/2013 09:21	47.4	56.7	50.2	43.3
21/04/2013 09:26	45.4	55.6	48.2	41.5
21/04/2013 09:31	45.1	54.4	47.5	41.8
21/04/2013 09:36	46.6	56	49.6	42.4
21/04/2013 09:41	43.6	55	46	40.9
21/04/2013 09:46	43.5	53.4	45.5	41.3
21/04/2013 09:51	44.5	53.3	46.8	41.9
21/04/2013 09:56	44.5	52.8	47.1	42
21/04/2013 10:01	43.3	52.8	45.3	41.2
21/04/2013 10:06	42.3	51.5	44	40.7
21/04/2013 10:11	42.7	48.9	44.2	41.2
21/04/2013 10:16	49.5	62.7	53.5	41.4
21/04/2013 10:21	43.7	53.9	45.5	41.9
21/04/2013 10:26	43.5	54.8	45.2	41.6
21/04/2013 10:31	47.9	60.4	51.3	42.6
21/04/2013 10:36	44.3	54.1	46.4	42.3
21/04/2013 10:41	43.8	51.1	45.4	42.3
21/04/2013 10:46	44.3	51.4	45.6	43
21/04/2013 10:51	45	56.7	47.1	42.4
21/04/2013 10:56	47.1	60.9	50.5	42.4

Time	LAeq	LAmx	LA10	LA90
21/04/2013 11:01	44.3	52.4	45.5	43
21/04/2013 11:06	44	55.2	45	42.7
21/04/2013 11:11	43.3	49.3	44.2	42.3
21/04/2013 11:16	43.8	51.9	44.8	42.7
21/04/2013 11:21	44.2	50.1	45.2	43.3
21/04/2013 11:26	44.4	49.4	45.4	43.6
21/04/2013 11:31	44.7	48.2	45.5	44
21/04/2013 11:36	44.9	57	45.7	44.1
21/04/2013 11:41	46.2	51.1	47	45.2
21/04/2013 11:46	49.2	62.7	52.1	46
21/04/2013 11:51	47.3	52	48.1	46.5
21/04/2013 11:56	48.2	53.3	49.3	47.2
21/04/2013 12:01	52.9	75	51.6	48.4
21/04/2013 12:06	49.9	55.4	50.8	49
21/04/2013 12:11	50.1	59.7	51.2	48.9
21/04/2013 12:16	50.1	57.5	51	49.2
21/04/2013 12:21	50.3	54.7	51.2	49.5
21/04/2013 12:26	51.2	55.2	52	50.3
21/04/2013 12:31	51.7	60.7	52.5	50.7
21/04/2013 12:36	52.2	56.4	52.9	51.4
21/04/2013 12:41	52.9	57.2	53.6	52.1
21/04/2013 12:46	53.8	57.7	54.4	53.2
21/04/2013 12:51	54.2	55.8	54.9	53.5
21/04/2013 12:56	55.3	61	56.3	54
21/04/2013 13:01	55.8	61	56.5	55.1
21/04/2013 13:06	56.2	66.7	57	55.2
21/04/2013 13:11	56.1	58.7	56.8	55.5
21/04/2013 13:16	56.3	57.8	56.9	55.7
21/04/2013 13:21	56.2	58.5	56.9	55.5
21/04/2013 13:26	56.6	58.5	57.2	56
21/04/2013 13:31	56.9	58.7	57.7	56.1
21/04/2013 13:36	57.2	60.1	58	56.2
21/04/2013 13:41	57.2	58.9	57.8	56.4
21/04/2013 13:46	57.8	59.8	58.6	56.9
21/04/2013 13:51	57.8	60.7	58.6	56.8
21/04/2013 13:56	58.1	60.1	59	57.2
21/04/2013 14:01	58.3	60.6	59.2	57.3
21/04/2013 14:06	58.3	60.7	59.2	57.5
21/04/2013 14:11	58.6	61.1	59.6	57.6
21/04/2013 14:16	58.4	61.5	59.5	57.3
21/04/2013 14:21	58.3	60.9	59.3	57.3
21/04/2013 14:26	58.4	62.3	59.7	57.1
21/04/2013 14:31	58.7	61.5	59.7	57.5
21/04/2013 14:36	58.2	61.4	59.2	56.8
21/04/2013 14:41	57.5	60.8	58.6	56.1
21/04/2013 14:46	57.6	60.6	59	56.1
21/04/2013 14:51	57.7	61.2	59.1	56.1
21/04/2013 14:56	58.2	61.6	59.7	56.5
21/04/2013 15:01	57.7	61.1	59.1	55.8
21/04/2013 15:06	57.4	61.7	59	55.7
21/04/2013 15:11	57.1	61.4	58.5	55.5

Time	LAeq	LAmx	LA10	LA90
21/04/2013 15:16	57.2	61.3	58.6	55.5
21/04/2013 15:21	57.8	61.8	59.4	55.8
21/04/2013 15:26	57.9	62.5	59.4	56
21/04/2013 15:31	57.4	61.2	58.8	55.7
21/04/2013 15:36	57.8	62	59.4	55.8
21/04/2013 15:41	57.4	61.5	59.1	55.1
21/04/2013 15:46	57.5	62	59.6	55.2
21/04/2013 15:51	58	62.1	59.6	56
21/04/2013 15:56	59	65.3	60.9	56.9
21/04/2013 16:01	58.8	63	60.2	57.1
21/04/2013 16:06	58.2	65	59.7	56.1
21/04/2013 16:11	58.8	64.2	60.3	56.8
21/04/2013 16:16	58.1	62.1	59.8	56
21/04/2013 16:21	58.2	63	59.9	56
21/04/2013 16:26	57.8	61.6	59.2	56.1
21/04/2013 16:31	57.6	60.7	59	55.7
21/04/2013 16:36	58.3	62.3	59.9	56.2
21/04/2013 16:41	58.2	61.2	59.6	56.5
21/04/2013 16:46	58.7	62.5	60	57.4
21/04/2013 16:51	58.7	61.6	60.1	57.1
21/04/2013 16:56	59.1	62.3	60.3	57.5
21/04/2013 17:01	59.3	62.7	60.4	57.7
21/04/2013 17:06	59.4	63	60.7	58.2
21/04/2013 17:11	58.9	62.1	60.1	57.5
21/04/2013 17:16	58.6	61.3	59.7	57.5
21/04/2013 17:21	58.7	61.1	59.8	57.7
21/04/2013 17:26	58.7	61.3	59.9	57.4
21/04/2013 17:31	58.4	60.9	59.4	57.3
21/04/2013 17:36	58	60.3	59	56.9
21/04/2013 17:41	58	60.4	59	56.9
21/04/2013 17:46	57.9	59.7	58.6	57
21/04/2013 17:51	57.3	59.9	58.2	56.4
21/04/2013 17:56	56.8	58.8	57.6	55.7
21/04/2013 18:01	56.4	60.3	57.5	55
21/04/2013 18:06	56.4	58.9	57.4	55.3
21/04/2013 18:11	56.1	58.2	57	55.3
21/04/2013 18:16	55.2	57.7	56.2	54.4
21/04/2013 18:21	54.4	56.8	55.3	53.4
21/04/2013 18:26	54.2	56	55	53.4
21/04/2013 18:31	53.3	55.6	54.3	52.4
21/04/2013 18:36	53.1	55	54	52.1
21/04/2013 18:41	52.3	54.2	53.1	51.6
21/04/2013 18:46	52	53.8	52.8	51.2
21/04/2013 18:51	51.5	53.4	52.2	50.7
21/04/2013 18:56	51.2	53.1	52.1	50.2
21/04/2013 19:01	50.9	54.7	52	49.7
21/04/2013 19:06	50.2	53	51	49.3
21/04/2013 19:11	49.3	52.1	50.5	48
21/04/2013 19:16	49.6	52	50.8	48.2
21/04/2013 19:21	49	53.6	50.3	47.7
21/04/2013 19:26	49.2	55.4	50.4	47.7

Time	LAeq	LAmaz	LA10	LA90
21/04/2013 19:31	48.6	51.4	50	46.9
21/04/2013 19:36	48.2	53.6	49.8	46.3
21/04/2013 19:41	47.6	50.8	49	46
21/04/2013 19:46	48	52.4	49.1	46.8
21/04/2013 19:51	47.2	50.9	48.4	45.8
21/04/2013 19:56	47.8	56	49.6	45.3
21/04/2013 20:01	48	52.7	49.6	46.1
21/04/2013 20:06	47.2	51.3	49.1	45.1
21/04/2013 20:11	48.1	56.8	49.5	45.8
21/04/2013 20:16	50.3	55.3	53.1	46.2
21/04/2013 20:21	50.7	57.7	52.2	48.5
21/04/2013 20:26	49.5	57.1	51.3	47.1
21/04/2013 20:31	46.7	50.2	48.3	45.1
21/04/2013 20:36	46.5	50.4	47.9	44.8
21/04/2013 20:41	45.7	49.5	47.7	43
21/04/2013 20:46	46.7	52.6	48.3	43.3
21/04/2013 20:51	47	54.1	48.6	44.8
21/04/2013 20:56	45.6	48.9	47.4	43.4
21/04/2013 21:01	46.4	50	48.1	44.1
21/04/2013 21:06	46	50.7	47.5	44.2
21/04/2013 21:11	46.2	56.3	47.6	43.6
21/04/2013 21:16	42.7	47.8	44.8	39.9
21/04/2013 21:21	42.8	47.1	44.8	40.9
21/04/2013 21:26	42.1	46.9	43.6	40.4
21/04/2013 21:31	41.9	46.6	43.5	39.9
21/04/2013 21:36	43.3	50.2	45.1	41.3
21/04/2013 21:41	42.6	46.5	44.2	40.9
21/04/2013 21:46	42.5	46.8	44.4	39.8
21/04/2013 21:51	42.4	47.8	44.1	40
21/04/2013 21:56	42.2	48.3	44.4	38.8
21/04/2013 22:01	41.4	48.3	44.1	38.3
21/04/2013 22:06	43.4	48	45.2	40.4
21/04/2013 22:11	43.5	49	45.6	40.7
21/04/2013 22:16	44.4	49.1	46.5	41.5
21/04/2013 22:21	44.4	49	46.2	42.4
21/04/2013 22:26	45.3	51	46.9	43
21/04/2013 22:31	44.8	50.4	46.4	43
21/04/2013 22:36	44	49.7	45.4	42.3
21/04/2013 22:41	43	51.2	44.7	40.5
21/04/2013 22:46	43.4	49.8	45.2	40.9
21/04/2013 22:51	44.2	51.6	46	42
21/04/2013 22:56	42.8	47.7	45	39.4
21/04/2013 23:01	44.3	50.3	46.1	42
21/04/2013 23:06	45.3	51	47.3	42.3
21/04/2013 23:11	46.9	53.1	49.2	44.4
21/04/2013 23:16	47.7	51.7	49.2	45.6
21/04/2013 23:21	48.1	51.4	49.3	47
21/04/2013 23:26	48.2	50.9	49.1	47.3
21/04/2013 23:31	48.1	50.2	48.9	47.4
21/04/2013 23:36	48.6	52.4	49.3	47.8
21/04/2013 23:41	49	52.1	49.9	48

Time	LAeq	LAmaz	LA10	LA90
21/04/2013 23:46	48.9	51.5	49.7	47.6
21/04/2013 23:51	49.2	52.1	50.6	48
21/04/2013 23:56	49.5	51.6	50.4	48.2
22/04/2013 00:01	50.4	52.3	51.2	49.2
22/04/2013 00:06	50.9	54	51.9	50.1
22/04/2013 00:11	50.9	56.4	51.9	49.4
22/04/2013 00:16	52	54.5	52.8	51.3
22/04/2013 00:21	51.8	55.4	52.9	50.8
22/04/2013 00:26	52.4	55.2	53.4	51.3
22/04/2013 00:31	53.4	55.7	54.2	52.6
22/04/2013 00:36	53.3	54.8	53.9	52.7
22/04/2013 00:41	54.3	56.5	55.3	53.2
22/04/2013 00:46	56	57.5	56.8	55.1
22/04/2013 00:51	55.9	57.7	56.7	55.2
22/04/2013 00:56	55.5	58.5	57.1	54.2
22/04/2013 01:01	54.4	57.1	55.8	52.8
22/04/2013 01:06	53.3	54.9	53.9	52.6
22/04/2013 01:11	53.6	55.8	54.3	52.9
22/04/2013 01:16	53.7	56.8	54.4	52.9
22/04/2013 01:21	54	55.9	54.7	53.3
22/04/2013 01:26	53.5	55.5	54.2	52.8
22/04/2013 01:31	53.2	55.2	54	52.3
22/04/2013 01:36	53	55.2	53.8	52
22/04/2013 01:41	53	56.4	54	51.9
22/04/2013 01:46	54.1	56.3	55	53
22/04/2013 01:51	53.9	57.9	55.1	52.7
22/04/2013 01:56	53.1	55.9	54.3	51.8
22/04/2013 02:01	52.5	55.9	53.7	51
22/04/2013 02:06	51.8	55.2	53	50.6
22/04/2013 02:11	52.4	56.7	53.7	50.6
22/04/2013 02:16	53	57.5	54.5	51.1
22/04/2013 02:21	53.4	56.5	54.7	51.8
22/04/2013 02:26	53.7	57.7	55.1	52.1
22/04/2013 02:31	53.4	57.6	54.7	51.5
22/04/2013 02:36	53.1	57.4	54.9	50.9
22/04/2013 02:41	52.4	56.3	53.8	50.3
22/04/2013 02:46	53.9	60.2	55.8	51.3
22/04/2013 02:51	52.4	55.8	54	50
22/04/2013 02:56	52.2	57.7	54.3	48.7
22/04/2013 03:01	50.8	56	52.9	47.5
22/04/2013 03:06	51.2	56.7	53.3	48.4
22/04/2013 03:11	51.4	56.1	53.9	47.7
22/04/2013 03:16	50.6	56	52.8	47.4
22/04/2013 03:21	50.3	57.8	52.2	46.9
22/04/2013 03:26	50.2	57.8	52.8	46.5
22/04/2013 03:31	50.9	58.1	52.9	47.7
22/04/2013 03:36	50.4	60.4	52.9	47
22/04/2013 03:41	51.3	60.3	54	47.5
22/04/2013 03:46	50.3	58.3	52.8	46.7
22/04/2013 03:51	50.6	58.2	53.1	47.3
22/04/2013 03:56	49.6	57.4	51.9	46.5

Time	LAeq	LAmx	LA10	LA90
22/04/2013 04:01	49.6	57.6	51.8	46.8
22/04/2013 04:06	49.9	60.3	52.3	46.7
22/04/2013 04:11	49.7	61.2	52.2	45.3
22/04/2013 04:16	48.7	58.2	51.3	44.9
22/04/2013 04:21	50.3	60.3	53	45.8
22/04/2013 04:26	50.1	61	53.1	44.8
22/04/2013 04:31	50.6	57.7	53.8	45.5
22/04/2013 04:36	50.1	57.1	52.7	46.6
22/04/2013 04:41	49.4	56.2	51.8	46.6
22/04/2013 04:46	51.2	63.2	53.2	48.1
22/04/2013 04:51	50.4	57.6	52.8	47.4
22/04/2013 04:56	51.2	58.4	53.5	48.1
22/04/2013 05:01	51.2	60.9	53.7	47.2
22/04/2013 05:06	50.6	57	52.9	47.3
22/04/2013 05:11	51	57.3	53.3	48.1
22/04/2013 05:16	51.2	55.5	52.9	48.6
22/04/2013 05:21	51.7	56.6	53.6	49.4
22/04/2013 05:26	53.1	59.1	55.1	50.4
22/04/2013 05:31	53.1	57.8	54.7	50.8
22/04/2013 05:36	53	57.2	54.4	51.3
22/04/2013 05:41	53.4	59.5	54.8	51.8
22/04/2013 05:46	53	57.6	54.5	51
22/04/2013 05:51	53.3	58	54.6	51.7
22/04/2013 05:56	52.2	56.6	53.7	50
22/04/2013 06:01	53	57.7	54.7	50.9
22/04/2013 06:06	53.2	57.4	54.7	51.3
22/04/2013 06:11	53.4	58.3	55.1	50.9
22/04/2013 06:16	54.7	64.5	56	53.1
22/04/2013 06:21	54.4	58.2	55.8	52.9
22/04/2013 06:26	53.5	57.1	54.6	52.3
22/04/2013 06:31	52.8	56.4	54.5	50.8
22/04/2013 06:36	53.2	55.7	54.3	51.9
22/04/2013 06:41	53.3	56.2	54.5	51.6
22/04/2013 06:46	52.3	55	53.4	50.9
22/04/2013 06:51	51.7	55	52.9	50.5
22/04/2013 06:56	52.5	58.6	53.7	51.2
22/04/2013 07:01	51.6	55	52.6	50.3
22/04/2013 07:06	51.9	59.6	52.9	50.8
22/04/2013 07:11	51.6	60.3	52.5	50.6
22/04/2013 07:16	51.9	57.7	53.2	50.6
22/04/2013 07:21	51.5	55.8	52.6	50.2
22/04/2013 07:26	51.6	56	52.6	50.5
22/04/2013 07:31	52	56.7	53.5	50
22/04/2013 07:36	52	58.6	53.4	50
22/04/2013 07:41	50.6	55	51.9	49.1
22/04/2013 07:46	51.2	64.1	52.5	49
22/04/2013 07:51	52.9	68.5	54.2	51
22/04/2013 07:56	50.2	56.5	51.9	48.2
22/04/2013 08:01	49.7	59.1	51.3	47.8
22/04/2013 08:06	49.4	55.8	50.8	47.9
22/04/2013 08:11	48.2	52.2	49.6	46.4

Time	LAeq	LAmaz	LA10	LA90
22/04/2013 08:16	49.1	52.7	50.4	46.8
22/04/2013 08:21	49.4	55.1	51.1	47.2
22/04/2013 08:26	49.7	64.2	51	46.9
22/04/2013 08:31	48.9	57.6	50.4	46.9
22/04/2013 08:36	48.5	56	50.2	46.2
22/04/2013 08:41	49	56.3	51	46.4
22/04/2013 08:46	49	55.3	50.4	46.8
22/04/2013 08:51	48.6	54.1	50	46.6
22/04/2013 08:56	48.5	55.6	49.9	46.5
22/04/2013 09:01	48.9	58.7	50.7	46.7
22/04/2013 09:06	50.5	63.6	51.7	48
22/04/2013 09:11	51.3	58	53.4	49.1
22/04/2013 09:16	51	56	52.9	48.7
22/04/2013 09:21	49	54.2	50.3	47.3
22/04/2013 09:26	48.4	52.7	50.2	46.5
22/04/2013 09:31	47.1	53.4	48.5	45.4
22/04/2013 09:36	47.3	57.9	48.6	45.8
22/04/2013 09:41	47.6	60.4	49.2	45.4
22/04/2013 09:46	47.2	55.4	48.5	45.6
22/04/2013 09:51	46.8	53.2	48.2	45.1
22/04/2013 09:56	45.8	53.6	47.3	43.8
22/04/2013 10:01	45.8	51.1	47	44.1
22/04/2013 10:06	44.8	49.7	46	43.5
22/04/2013 10:11	45.8	57.5	46.8	44.2
22/04/2013 10:16	44.9	54.5	46	43.6
22/04/2013 10:21	44.5	49.1	45.6	43.3
22/04/2013 10:26	45	55.4	45.9	44.1
22/04/2013 10:31	45	50	46.1	43.6
22/04/2013 10:36	45.2	53.4	46.2	44
22/04/2013 10:41	45.7	53	47	44.2
22/04/2013 10:46	45.9	53.2	47.1	44.5
22/04/2013 10:51	46.1	57.2	47.2	44.4
22/04/2013 10:56	45.9	54.6	47.2	44.6
22/04/2013 11:01	46.3	54.5	47.4	45.2
22/04/2013 11:06	47.8	55.2	50.4	45.3
22/04/2013 11:11	46.3	51.9	47.4	45.1
22/04/2013 11:16	46.8	53.4	47.6	45.8
22/04/2013 11:21	47.8	57.3	48.9	46.5
22/04/2013 11:26	47.8	54.2	48.9	46.6
22/04/2013 11:31	47.6	52.5	48.6	46.6
22/04/2013 11:36	47.7	54.2	48.6	46.7
22/04/2013 11:41	48	53.5	49	47.1
22/04/2013 11:46	48.2	55	49.3	47.1
22/04/2013 11:51	48.7	60.1	50	47.2
22/04/2013 11:56	48.7	58.3	49.8	47.5
22/04/2013 12:01	48.6	53.1	49.4	47.7
22/04/2013 12:06	48.8	54.2	49.8	47.9
22/04/2013 12:11	49.8	56.9	51.7	48.2
22/04/2013 12:16	49	54	49.9	48
22/04/2013 12:21	49	53.1	49.9	48.3
22/04/2013 12:26	48.7	54.8	49.6	47.8

Time	LAeq	LAmaz	LA10	LA90
22/04/2013 12:31	49	57.1	49.7	48.2
22/04/2013 12:36	49.9	54.2	50.6	49.1
22/04/2013 12:41	50.7	56.4	51.6	49.6
22/04/2013 12:46	50.9	55.5	51.7	50.2
22/04/2013 12:51	51.5	58.6	52.1	50.7
22/04/2013 12:56	51.8	56.4	52.6	50.9
22/04/2013 13:01	53.2	61.4	55.2	51.4
22/04/2013 13:06	52.3	57.5	52.9	51.7
22/04/2013 13:11	53.1	61.5	53.7	52.3
22/04/2013 13:16	53.3	55.8	53.9	52.7
22/04/2013 13:21	53.9	56.3	54.7	53.2
22/04/2013 13:26	54.7	58.7	55.4	53.9
22/04/2013 13:31	55.3	57.5	56	54.6
22/04/2013 13:36	56	59.7	56.6	55.3
22/04/2013 13:41	57	62.2	57.7	56.1
22/04/2013 13:46	57.2	60.8	57.9	56.6
22/04/2013 13:51	57.4	62.5	58.1	56.7
22/04/2013 13:56	58	62.4	58.7	57.1
22/04/2013 14:01	58.4	61.8	59.1	57.6
22/04/2013 14:06	58.6	61.5	59.4	57.6
22/04/2013 14:11	59.2	61.3	59.8	58.5
22/04/2013 14:16	59.4	62.7	60.2	58.6
22/04/2013 14:21	60	63	60.8	59.2
22/04/2013 14:26	60.1	62.4	60.9	59.4
22/04/2013 14:31	60.5	62.7	61.3	59.7
22/04/2013 14:36	61	63.5	61.7	60.2
22/04/2013 14:41	61.2	64	62	60.3
22/04/2013 14:46	61.6	64.2	62.4	60.5
22/04/2013 14:51	61.9	65.1	62.8	60.9
22/04/2013 14:56	61.6	65.6	62.5	60.6
22/04/2013 15:01	61.7	65.1	62.9	60.4
22/04/2013 15:06	61.6	65.1	62.7	60.4
22/04/2013 15:11	61.3	67.7	62.5	59.7
22/04/2013 15:16	61.4	67.4	62.7	59.8
22/04/2013 15:21	60.9	65.6	62.2	59.4
22/04/2013 15:26	61	69.6	62.5	59.1
22/04/2013 15:31	60.8	67.1	62.5	58.7
22/04/2013 15:36	60.7	70.5	62.4	58.2
22/04/2013 15:41	60.3	68	62	58
22/04/2013 15:46	59.9	67	61.5	57.4
22/04/2013 15:51	59.6	65.4	61.5	56.7
22/04/2013 15:56	59.4	67	61.4	56.2
22/04/2013 16:01	58.4	63.3	60.4	55.7
22/04/2013 16:06	58.3	64.3	60.7	54.9
22/04/2013 16:11	58.2	63.1	60.3	55.2
22/04/2013 16:16	57.9	64.7	60.1	55.2
22/04/2013 16:21	58.2	75.7	60.3	54.6

Underwater Noise Measurements

Loc.	Notes	dB
1	Calibration tone - 0.05dB from atmospheric pressure	162
	Shallow measurement - driven onto hull - boat turned around after this measurement	127.8
	Deep measurement	137.5
	Shallow measurement	140.1
	Mid depth - boat goes behind harbour wall at 2 mins (about 1:45 now)	138.2
	Ambient. Ship stopped shallow	122.8
	Ambient. Ship stopped shallow - Nocaluca (pilot boat) leaving channel	122.9
	Ambient. Ship stopped shallow - Nocaluca (pilot boat) & small yacht leaving channel	123.4
	Pilot boat doing hydrographic survey of channel, 5.5m bed depth	122.8
2	Shallow 1m (1:13 helicopter low over water)	122.8
	Deep 5m, 6.3m bed depth	122.8
3	Deep 7m, 8.9m bed depth, pilot through bomys	128.9
	Deep 7m, 8.9m bed depth, big tanker - Countess Ann	125.1
	Shallow 1m, 8.9m bed depth, Countess Ann	122.9
4	Shallow 1m, ambient, no vessels around	122.9
	Medium, 4m	122.8
	Deep, 8m	123.3
5	Deep, 8m	123.5
	Medium, 4m	123.2
	Shallow, 1m	123.1