

Impact Water Quality Monitoring for Dredging Activities at SB CMP 1

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
27/11/2012	MF	DS1	16:07:57	B	4.3	279.6	0.34	22.45	31.14	89.54	6.48	30.12	7.92	26.00
27/11/2012	MF	DS1	16:09:49	M	2.7	109.9	0.11	22.44	31.13	89.05	6.45	16.91	7.94	21.00
27/11/2012	MF	DS1	16:11:45	S	1.0	268.7	0.50	22.36	31.04	89.65	6.50	12.44	7.95	11.00
27/11/2012	MF	DS1	16:13:57	B	4.3	226.0	0.72	22.44	31.13	88.76	6.43	27.38	7.95	25.30
27/11/2012	MF	DS1	16:16:17	M	2.7	326.6	0.57	22.39	31.06	89.35	6.48	14.44	7.95	20.50
27/11/2012	MF	DS1	16:17:57	S	1.0	319.3	0.57	22.37	31.05	89.59	6.50	10.92	7.95	11.30
27/11/2012	MF	DS1	16:20:01	B	4.3	245.9	0.17	22.43	31.09	89.01	6.45	24.46	7.95	25.60
27/11/2012	MF	DS1	16:21:37	M	2.7	356.5	0.37	22.43	31.08	89.06	6.45	13.88	7.95	20.70
27/11/2012	MF	DS1	16:23:13	S	1.0	243.6	0.58	22.38	31.04	89.53	6.49	11.47	7.95	11.00
27/11/2012	MF	DS2	16:34:53	B	5.3	148.4	0.35	22.40	31.09	88.78	6.43	9.31	7.93	10.60
27/11/2012	MF	DS2	16:36:41	M	3.2	307.2	0.38	22.36	31.06	89.01	6.46	8.18	7.94	10.30
27/11/2012	MF	DS2	16:38:37	S	1.0	209.9	0.32	22.37	31.07	89.13	6.46	7.62	7.95	8.60
27/11/2012	MF	DS2	16:40:29	B	5.3	333.1	0.34	22.41	31.09	88.32	6.40	9.54	7.95	11.00
27/11/2012	MF	DS2	16:43:41	M	3.2	286.5	0.29	22.42	31.10	88.37	6.40	9.68	7.94	10.60
27/11/2012	MF	DS2	16:45:53	S	1.0	47.6	0.44	22.42	31.09	88.57	6.42	9.22	7.94	9.00
27/11/2012	MF	DS2	16:48:01	B	5.3	46.6	0.31	22.44	31.10	88.05	6.38	11.63	7.94	11.70
27/11/2012	MF	DS2	16:50:21	M	3.2	166.1	0.58	22.41	31.08	88.38	6.40	10.19	7.94	11.30
27/11/2012	MF	DS2	16:52:08	S	1.0	207.8	0.39	22.37	31.05	88.98	6.45	9.54	7.94	9.30
27/11/2012	MF	DS3	17:06:05	B	3.2	27.8	0.28	22.39	30.94	88.77	6.44	10.80	7.91	10.90
27/11/2012	MF	DS3	17:09:28	S	1.0	287.9	0.22	22.25	30.82	88.99	6.48	6.77	7.93	9.20
27/11/2012	MF	DS3	17:11:37	B	3.2	297.0	0.18	22.38	30.94	87.91	6.38	8.95	7.93	11.10
27/11/2012	MF	DS3	17:13:33	S	1.0	285.5	0.56	22.29	30.86	88.41	6.43	7.20	7.93	9.50
27/11/2012	MF	DS3	17:15:57	B	3.2	104.6	0.31	22.38	30.96	88.00	6.38	9.17	7.93	11.60
27/11/2012	MF	DS3	17:17:57	S	1.0	3.6	0.21	22.32	30.90	88.22	6.41	8.00	7.93	9.70
27/11/2012	MF	DS4	17:25:09	B	3.2	326.5	0.28	22.31	30.86	88.47	6.43	9.05	7.92	9.20
27/11/2012	MF	DS4	17:26:56	S	1.0	7.7	0.38	22.24	30.77	88.45	6.44	8.07	7.93	10.30
27/11/2012	MF	DS4	17:28:44	B	3.2	279.8	0.33	22.36	30.89	87.75	6.37	9.98	7.93	9.80
27/11/2012	MF	DS4	17:30:20	S	1.0	126.3	0.45	22.37	30.77	88.00	6.40	8.88	7.93	10.20
27/11/2012	MF	DS4	17:31:52	B	3.2	107.6	0.80	22.32	30.83	87.74	6.38	9.56	7.93	10.90
27/11/2012	MF	DS4	17:33:32	S	1.0	336.7	0.57	22.28	30.77	87.95	6.40	9.04	7.93	7.70
27/11/2012	MF	DS5	17:46:44	B	3.0	288.6	0.74	22.24	30.77	88.34	6.43	10.77	7.92	13.00
27/11/2012	MF	DS5	17:48:28	S	1.0	147.3	0.23	22.13	30.66	88.03	6.43	8.26	7.93	10.20
27/11/2012	MF	DS5	17:50:24	B	3.0	123.8	0.17	22.26	30.78	87.54	6.37	10.39	7.93	12.20
27/11/2012	MF	DS5	17:52:06	S	1.0	244.2	0.50	22.11	30.65	87.86	6.42	8.08	7.93	9.80
27/11/2012	MF	DS5	17:53:48	B	3.0	258.7	0.46	22.27	30.78	87.44	6.36	10.65	7.93	11.70
27/11/2012	MF	DS5	17:55:36	S	1.0	344.3	0.41	22.16	30.69	87.72	6.40	8.63	7.93	8.30
27/11/2012	MF	US1	18:13:44	B	8.3	210.5	0.59	22.97	32.30	84.30	6.01	12.92	7.95	11.20
27/11/2012	MF	US1	18:15:36	M	4.7	300.6	0.70	22.92	32.23	84.60	6.03	8.31	7.97	9.30
27/11/2012	MF	US1	18:17:22	S	1.0	298.4	1.12	22.48	31.44	87.21	6.30	5.44	7.96	6.90
27/11/2012	MF	US1	18:19:28	B	8.3	234.6	0.63	22.96	32.29	83.97	5.98	13.19	7.97	11.50
27/11/2012	MF	US1	18:21:14	M	4.7	165.2	0.58	22.93	32.25	84.29	6.01	8.62	7.97	9.60
27/11/2012	MF	US1	18:23:16	S	1.0	315.5	0.63	22.54	31.54	86.90	6.26	5.30	7.96	8.10
27/11/2012	MF	US1	18:25:16	B	8.3	327.4	0.20	22.95	32.29	83.99	5.99	12.70	7.97	14.50
27/11/2012	MF	US1	18:27:20	M	4.7	221.2	0.36	22.91	32.23	84.32	6.01	8.32	7.97	12.60
27/11/2012	MF	US1	18:29:08	S	1.0	104.0	0.13	22.49	31.52	87.03	6.28	5.20	7.96	7.50
27/11/2012	MF	US2	18:34:40	B	10.0	252.3	0.30	22.98	32.45	84.66	6.02	12.88	7.95	14.70
27/11/2012	MF	US2	18:36:56	M	5.5	232.4	0.42	22.94	32.42	84.42	6.01	9.06	7.97	10.90
27/11/2012	MF	US2	18:39:36	S	1.0	236.3	0.29	22.40	31.55	87.85	6.35	4.49	7.96	5.90
27/11/2012	MF	US2	18:41:44	B	10.0	5.7	0.29	22.95	32.44	84.08	5.99	12.65	7.97	12.30
27/11/2012	MF	US2	18:43:30	M	5.5	251.3	0.27	22.92	32.42	84.41	6.01	8.97	7.97	9.60
27/11/2012	MF	US2	18:45:10	S	1.0	285.7	0.79	22.43	31.58	87.31	6.31	4.55	7.96	5.80
27/11/2012	MF	US2	18:47:36	B	10.0	259.6	0.34	22.45	32.45	84.00	5.98	14.74	7.97	16.80
27/11/2012	MF	US2	18:50:32	M	5.5	154.4	0.30	22.95	32.45	84.14	5.99	11.06	7.97	15.40
27/11/2012	MF	US2	18:52:20	S	1.0	231.0	1.12	22.41	31.57	87.28	6.31	4.73	7.96	6.90
27/11/2012	MF	MW1	18:44:16	B	19.0	12.3	0.28	22.96	33.77	85.27	6.02	6.97	8.04	11.80
27/11/2012	MF	MW1	18:46:20	M	10.0	354.7	0.10	22.94	33.70	85.20	6.02	5.39	8.04	11.90
27/11/2012	MF	MW1	18:48:48	S	1.0	102.9	0.11	22.93	33.69	85.84	6.07	4.39	8.03	8.20
27/11/2012	MF	MW1	18:53:04	B	19.0	96.1	0.17	22.97	33.76	85.07	6.01	6.84	8.01	12.10
27/11/2012	MF	MW1	18:55:04	M	10.0	107.9	0.28	22.96	33.74	85.20	6.02	5.21	8.01	12.40
27/11/2012	MF	MW1	18:57:00	S	1.0	68.1	0.33	22.94	33.66	85.37	6.04	4.05	7.99	8.00
27/11/2012	MF	MW1	18:59:08	B	19.0	62.3	0.39	22.96	33.72	84.84	6.00	6.07	7.98	11.70
27/11/2012	MF	MW1	19:01:04	M	10.0	81.7	0.39	22.96	33.70	85.13	6.02	5.30	7.97	12.00
27/11/2012	MF	MW1	19:02:52	S	1.0	78.4	0.09	22.93	33.62	85.38	6.04	4.00	7.96	7.50
27/11/2012	MF	THB1	17:03:12	B	3.0	260.4	0.43	22.11	31.47	88.28	6.42	9.22	7.87	12.90
27/11/2012	MF	THB1	17:04:52	S	1.0	323.1	0.50	22.11	31.48	88.30	6.42	8.85	7.86	12.00
27/11/2012	MF	THB1	17:06:28	B	3.0	134.2	0.31	22.12	31.48	88.24	6.41	9.21	7.85	12.60
27/11/2012	MF	THB1	17:08:02	S	1.0	27.2	0.23	22.10	31.47	88.30	6.42	8.62	7.85	11.60
27/11/2012	MF	THB1	17:11:44	B	3.0	247.6	0.31	22.17	31.45	88.87	6.45	9.62	7.83	12.70
27/11/2012	MF	THB1	17:13:16	S	1.0	236.9	0.60	22.19	31.49	87.99	6.39	10.71	7.84	11.40
27/11/2012	MF	THB2	16:51:01	M	1.5	0.0	0.00	22.50	31.36	92.10	6.65	7.44	7.80	9.30
27/11/2012	MF	THB2	16:52:25	M	1.5	0.0	0.00	22.46	31.36	91.72	6.63	7.45	7.80	9.50
27/11/2012	MF	THB2	16:53:49	M	1.5	0.0	0.00	22.47	31.35	91.69	6.63	6.93	7.80	9.20
27/11/2012	MF	WSR45C	17:35:20	B	13.0	189.8	0.58	22.90	33.27	85.48	6.06	11.89	7.97	8.80
27/11/2012	MF	WSR45C	17:37:16	M	7.0	219.9	0.13	22.83	33.19	85.87	6.10	10.10	7.97	8.30
27/11/2012	MF	WSR45C	17:39:16	S	1.0	0.0	0.39	22.40	32.35	88.10	6.34	5.31	7.95	6.60
27/11/2012	MF	WSR45C	17:43:28	B	13.0	240.4	0.35	22.87	33.29	85.74	6.08	13.14	7.94	8.80
27/11/2012	MF	WSR45C	17:48:56	M	7.0	169.8	0.22	22.83	33.24	85.60	6.08	11.38	7.93	7.90
27/11/2012	MF	WSR45C	17:50:32	S	1.0	235.8	0.49	22.42	32.47	87.47	6.29	5.65	7.90	6.60
27/11/2012	MF	WSR45C	17:55:04	B	13.0	225.6	0.32	22.85	33.21	85.84	6.10	14.79	7.89	8.40
27/11/2012	MF	WSR45C	17:56:56	M	7.0	253.2	0.24	22.84	33.25	85.62	6.08	12.29	7.91	8.60
27/11/2012	MF	WSR45C	17:58:52	S	1.0	247.2	0.64	22.41	32.53	87.74	6.30	5.30	7.88	7.10
27/11/2012	MF	WSR46	16:15:04	B	9.0	278.9	0.22	22.87	32.79	86.85	6.18	10.71	7.95	12.30
27/11/2012	MF	WSR46	16:17:28	M	5.0	263.0	0.27	22.49	32.06	89.24	6.42	7.05	7.97	8.60
27/11/2012	MF	WSR46	16:19:20	S	1.0	226.6	0.31	22.26	31.77					

Impact Water Quality Monitoring for Dredging Activities at SB CMP 1

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
27/11/2012	ME	DS1	10:56:22	B	8.1	291.8	0.21	23.02	32.62	85.58	6.08	9.26	7.94	10.30
27/11/2012	ME	DS1	10:58:34	M	4.6	321.8	0.48	22.69	32.13	87.11	6.24	7.16	7.98	7.60
27/11/2012	ME	DS1	11:00:34	S	1.0	87.3	0.59	22.61	32.03	87.68	6.30	4.74	7.97	9.50
27/11/2012	ME	DS1	11:02:30	B	8.1	72.2	0.30	23.02	32.60	84.59	6.01	9.02	7.98	10.70
27/11/2012	ME	DS1	11:04:42	M	4.6	114.4	0.56	23.06	32.53	84.31	5.99	8.85	7.98	7.90
27/11/2012	ME	DS1	11:06:34	S	1.0	73.6	0.17	22.80	32.20	86.29	6.17	5.65	7.97	9.20
27/11/2012	ME	DS1	11:08:34	B	8.1	205.5	0.26	23.02	32.57	84.29	5.99	9.05	7.97	10.60
27/11/2012	ME	DS1	11:11:42	M	4.6	39.8	0.38	23.06	32.53	84.05	5.97	8.85	7.96	8.10
27/11/2012	ME	DS1	11:14:02	S	1.0	133.2	0.55	22.87	32.26	85.29	6.09	6.13	7.96	9.60
27/11/2012	ME	DS2	11:21:06	B	8.5	313.3	0.41	23.05	32.62	84.56	6.00	6.54	7.94	7.90
27/11/2012	ME	DS2	11:22:58	M	4.8	142.6	0.18	23.01	32.53	84.59	6.01	5.21	7.95	7.30
27/11/2012	ME	DS2	11:24:46	S	1.0	73.7	0.47	22.43	31.55	87.64	6.33	4.31	7.94	5.60
27/11/2012	ME	DS2	11:26:42	B	8.5	316.9	0.34	23.05	32.59	84.07	5.97	7.21	7.95	8.40
27/11/2012	ME	DS2	11:28:37	M	4.8	154.4	0.54	23.02	32.49	84.35	6.00	5.70	7.94	7.60
27/11/2012	ME	DS2	11:30:18	S	1.0	210.8	0.21	22.41	31.52	87.36	6.31	4.24	7.93	6.20
27/11/2012	ME	DS2	11:32:10	B	8.5	285.5	0.09	23.05	32.57	84.01	5.97	7.29	7.94	8.30
27/11/2012	ME	DS2	11:33:58	M	4.8	65.9	0.31	23.03	32.47	84.25	5.99	5.85	7.94	7.50
27/11/2012	ME	DS2	11:35:46	S	1.0	82.2	0.64	22.36	31.55	87.47	6.33	4.26	7.92	5.90
27/11/2012	ME	DS3	11:42:06	B	9.0	310.8	0.35	23.07	32.64	84.37	5.99	6.54	7.92	9.40
27/11/2012	ME	DS3	11:44:02	M	5.0	5.0	0.35	23.05	32.59	84.10	5.97	5.10	7.93	6.70
27/11/2012	ME	DS3	11:46:02	S	1.0	22.0	0.67	23.21	31.20	87.82	6.37	4.81	7.91	5.80
27/11/2012	ME	DS3	11:48:02	B	9.0	255.8	0.78	23.07	32.62	83.65	5.94	6.62	7.92	9.00
27/11/2012	ME	DS3	11:49:46	M	5.0	35.5	0.46	23.03	32.49	84.10	5.98	5.68	7.92	7.30
27/11/2012	ME	DS3	11:51:50	S	1.0	74.3	0.57	22.35	31.19	87.57	6.35	5.16	7.91	6.20
27/11/2012	ME	DS3	11:53:46	B	9.0	107.5	0.44	23.06	32.60	83.52	5.93	6.28	7.92	8.80
27/11/2012	ME	DS3	11:55:54	M	5.0	141.9	0.78	23.04	32.55	83.92	5.96	5.04	7.92	6.90
27/11/2012	ME	DS3	11:57:38	S	1.0	92.4	0.38	22.30	31.28	87.78	6.36	5.04	7.90	6.20
27/11/2012	ME	DS4	12:04:30	B	9.4	5.4	0.17	23.08	32.66	83.79	5.94	11.44	7.91	12.80
27/11/2012	ME	DS4	12:06:38	M	5.2	86.3	0.51	23.04	32.54	83.95	5.97	6.23	7.92	10.40
27/11/2012	ME	DS4	12:08:38	S	1.0	235.8	0.18	22.48	31.36	87.05	6.29	5.79	7.90	7.40
27/11/2012	ME	DS4	12:11:54	B	9.4	304.7	0.16	23.08	32.63	83.23	5.91	9.74	7.92	12.40
27/11/2012	ME	DS4	12:13:42	M	5.2	127.4	0.45	23.05	32.43	83.67	5.95	6.82	7.92	10.20
27/11/2012	ME	DS4	12:15:26	S	1.0	126.9	0.24	22.55	31.38	86.54	6.24	5.64	7.90	7.50
27/11/2012	ME	DS4	12:18:06	B	9.4	8.6	0.41	23.08	32.62	83.15	5.90	9.19	7.92	15.70
27/11/2012	ME	DS4	12:19:53	M	5.2	14.8	0.32	23.04	32.44	83.66	5.95	7.02	7.92	10.50
27/11/2012	ME	DS4	12:21:38	S	1.0	194.3	0.58	22.50	31.34	86.63	6.26	5.83	7.89	7.80
27/11/2012	ME	DS5	12:31:46	B	7.3	337.1	0.23	23.08	32.47	83.02	5.90	12.92	7.91	14.60
27/11/2012	ME	DS5	12:33:46	M	4.2	160.1	0.25	23.09	32.28	83.16	5.91	8.16	7.91	13.00
27/11/2012	ME	DS5	12:35:41	S	1.0	96.6	0.47	22.46	31.20	86.60	6.26	6.04	7.89	8.30
27/11/2012	ME	DS5	12:38:21	B	7.3	357.5	0.39	23.07	32.48	82.99	5.90	11.90	7.91	14.00
27/11/2012	ME	DS5	12:40:14	M	4.2	91.9	0.19	22.74	31.48	83.93	6.03	7.04	7.90	11.70
27/11/2012	ME	DS5	12:41:58	S	1.0	109.8	0.41	22.49	31.20	86.52	6.26	6.18	7.89	8.20
27/11/2012	ME	DS5	12:44:06	B	7.3	43.9	0.26	23.08	32.42	82.82	5.88	12.84	7.91	14.70
27/11/2012	ME	DS5	12:45:53	M	4.2	71.7	0.51	22.99	31.91	83.86	5.98	7.94	7.90	11.30
27/11/2012	ME	DS5	12:47:50	S	1.0	26.6	0.22	22.42	31.15	86.82	6.29	5.85	7.89	7.90
27/11/2012	ME	US1	13:05:17	B	6.4	82.8	0.33	22.58	31.38	85.58	6.17	23.64	7.89	25.00
27/11/2012	ME	US1	13:07:17	M	3.7	103.8	0.24	22.49	31.24	86.16	6.23	16.74	7.90	17.00
27/11/2012	ME	US1	13:09:49	S	1.0	151.1	0.28	22.49	31.24	86.30	6.24	18.01	7.90	19.80
27/11/2012	ME	US1	13:13:09	B	6.4	121.1	0.56	22.53	31.28	85.58	6.18	21.90	7.90	18.10
27/11/2012	ME	US1	13:15:25	M	3.7	71.6	0.44	22.54	31.29	85.72	6.19	14.69	7.90	17.10
27/11/2012	ME	US1	13:18:37	S	1.0	33.5	0.62	22.55	31.31	85.87	6.20	16.74	7.90	20.00
27/11/2012	ME	US1	13:23:57	B	6.4	130.6	0.21	22.54	31.29	85.44	6.17	19.24	7.89	25.30
27/11/2012	ME	US1	13:25:49	M	3.7	328.6	0.83	22.54	31.29	85.63	6.18	14.06	7.89	16.80
27/11/2012	ME	US1	13:27:57	S	1.0	117.2	0.67	22.54	31.28	85.90	6.20	14.42	7.89	19.30
27/11/2012	ME	US2	13:41:53	B	5.1	117.9	0.51	22.45	31.07	86.78	6.28	13.61	7.88	16.50
27/11/2012	ME	US2	13:43:57	M	3.1	202.0	0.41	22.42	31.03	86.80	6.29	13.21	7.88	15.90
27/11/2012	ME	US2	13:45:49	S	1.0	151.5	0.81	22.38	30.97	87.31	6.33	12.04	7.89	15.40
27/11/2012	ME	US2	13:48:05	B	5.1	113.3	0.64	22.44	31.06	86.49	6.26	14.02	7.89	16.60
27/11/2012	ME	US2	13:49:53	M	3.1	45.5	0.26	22.41	31.02	86.82	6.29	12.67	7.89	15.60
27/11/2012	ME	US2	13:51:37	S	1.0	144.2	0.58	22.39	30.99	87.16	6.32	11.66	7.89	14.80
27/11/2012	ME	US2	13:53:29	B	5.1	90.4	0.24	22.44	31.06	86.37	6.26	12.94	7.88	15.80
27/11/2012	ME	US2	13:55:01	M	3.1	112.6	0.38	22.40	31.01	86.87	6.30	12.01	7.88	15.20
27/11/2012	ME	US2	13:57:01	S	1.0	181.6	0.47	22.40	31.01	87.02	6.31	12.18	7.88	14.60
27/11/2012	ME	MW1	10:51:43	B	19.0	121.8	0.08	23.05	33.79	84.98	5.99	7.75	8.06	11.60
27/11/2012	ME	MW1	10:53:32	M	10.0	70.5	0.33	23.04	33.81	85.06	6.00	7.78	8.10	11.10
27/11/2012	ME	MW1	10:55:20	S	1.0	89.6	0.40	22.99	33.82	85.41	6.03	5.14	8.11	8.20
27/11/2012	ME	MW1	10:57:20	B	19.0	237.4	0.41	23.05	33.86	84.59	5.96	8.75	8.11	14.40
27/11/2012	ME	MW1	10:59:11	M	10.0	42.8	0.09	23.02	33.88	84.82	5.98	7.30	8.09	10.90
27/11/2012	ME	MW1	11:01:00	S	1.0	338.2	0.08	23.02	33.91	85.16	6.01	6.31	8.08	8.40
27/11/2012	ME	MW1	11:04:31	B	19.0	92.7	0.21	23.06	33.93	84.86	5.98	8.44	8.04	14.00
27/11/2012	ME	MW1	11:06:24	M	10.0	52.3	0.16	23.03	33.86	84.96	5.99	7.25	8.05	10.80
27/11/2012	ME	MW1	11:08:19	S	1.0	156.3	0.19	23.00	33.86	85.39	6.03	5.18	8.04	8.40
27/11/2012	ME	THB1	12:28:07	B	3.0	89.3	0.39	22.28	31.62	86.17	6.24	12.79	8.06	11.20
27/11/2012	ME	THB1	12:29:39	S	1.0	142.6	0.32	22.19	31.58	86.54	6.28	10.35	8.05	21.50
27/11/2012	ME	THB1	12:31:47	B	3.0	110.0	0.18	22.27	31.64	85.96	6.22	13.41	8.04	11.10
27/11/2012	ME	THB1	12:33:15	S	1.0	141.4	0.30	22.09	31.55	86.84	6.31	8.81	8.04	11.90
27/11/2012	ME	THB1	12:34:47	B	3.0	311.7	0.22	22.28	31.68	85.89	6.22	12.05	8.03	12.30
27/11/2012	ME	THB1	12:36:23	S	1.0	175.3	0.44	22.06	31.55	86.98	6.32	8.36	8.02	24.60
27/11/2012	ME	THB2	11:01:47	M	1.5	0.0	0.00	22.68	30.21	78.87	5.72	6.28	7.93	6.80
27/11/2012	ME	THB2	11:03:15	M	1.5	0.0	0.00	22.66	30.19	78.81	5.71	6.46	7.93	7.20
27/11/2012	ME	THB2	11:04:43	M	1.5	0.0	0.00	22.69	30.21	78.86	5.71	6.24	7.93	6.60
27/11/2012	ME	WSR45C	11:49:11	B	12.0	71.6	0.39	23.03	33.59	84.38	5.96	5.59	8.16	7.90
27/11/2012	ME	WSR45C	11:50:51	M	6.5	61.1	0.46	23.02	33.55	84.38	5.96	5.61	8.15	9.20
27/11/2012	ME	WSR45C	11:52:27	S	1.0	103.3	0.34	22.44	32.53	87.32	6.27	5.07	8.11	7.30