

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)
19/01/2013	MF	DS1	11:14:42	B	4.0	209.4	0.49	17.19	32.11	102.80	8.15	5.82	8.02	7.60
19/01/2013	MF	DS1	11:16:50	M	2.5	307.6	0.89	17.22	32.10	102.43	8.12	5.62	8.04	8.40
19/01/2013	MF	DS1	11:18:30	S	1.0	3.1	0.29	17.25	32.10	102.47	8.12	5.78	8.05	8.10
19/01/2013	MF	DS1	11:20:30	B	4.0	265.8	0.24	17.22	32.10	101.94	8.08	5.64	8.05	7.40
19/01/2013	MF	DS1	11:22:10	M	2.5	296.9	0.18	17.25	32.10	102.39	8.11	5.26	8.05	8.40
19/01/2013	MF	DS1	11:23:42	S	1.0	232.8	0.35	17.27	32.10	102.70	8.13	4.98	8.06	7.90
19/01/2013	MF	DS1	11:25:32	B	4.0	253.1	0.07	17.23	32.10	101.95	8.08	5.45	8.06	7.20
19/01/2013	MF	DS1	11:27:02	M	2.5	151.0	0.18	17.24	32.10	102.36	8.11	5.32	8.06	8.20
19/01/2013	MF	DS1	11:28:46	S	1.0	179.2	0.14	17.29	32.10	103.07	8.16	5.08	8.06	8.10
19/01/2013	MF	DS2	11:35:38	B	4.0	254.9	0.59	17.18	32.06	103.40	8.21	5.11	8.05	5.70
19/01/2013	MF	DS2	11:38:10	M	2.5	237.6	0.69	17.18	32.06	103.75	8.23	4.78	8.06	5.70
19/01/2013	MF	DS2	11:39:42	S	1.0	127.8	0.81	17.25	32.06	104.52	8.28	4.69	8.07	6.20
19/01/2013	MF	DS2	11:41:18	B	4.0	35.5	0.33	17.18	32.06	103.72	8.23	5.43	8.06	5.80
19/01/2013	MF	DS2	11:43:22	M	2.5	288.7	0.51	17.22	32.06	104.79	8.31	4.47	8.07	5.80
19/01/2013	MF	DS2	11:44:50	S	1.0	340.8	0.07	17.25	32.07	105.59	8.37	4.39	8.07	6.50
19/01/2013	MF	DS2	11:46:22	B	4.0	165.5	0.34	17.21	32.06	104.72	8.31	4.55	8.07	5.70
19/01/2013	MF	DS2	11:48:02	M	2.5	311.3	0.28	17.26	32.07	106.07	8.40	4.02	8.08	5.80
19/01/2013	MF	DS2	11:49:34	S	1.0	288.8	0.69	17.29	32.07	106.66	8.45	4.93	8.08	6.40
19/01/2013	MF	DS3	11:57:06	B	5.0	76.8	0.46	17.16	32.05	104.63	8.31	5.28	8.07	6.90
19/01/2013	MF	DS3	11:58:34	M	3.0	216.3	0.36	17.19	32.05	105.82	8.40	4.65	8.08	7.50
19/01/2013	MF	DS3	12:00:14	S	1.0	1.6	0.15	17.27	32.04	107.05	8.48	4.06	8.08	5.50
19/01/2013	MF	DS3	12:01:50	B	5.0	308.2	0.41	17.17	32.05	105.60	8.38	4.78	8.07	6.80
19/01/2013	MF	DS3	12:03:22	M	3.0	221.2	0.43	17.19	32.05	106.00	8.41	4.37	8.07	7.40
19/01/2013	MF	DS3	12:04:54	S	1.0	180.7	0.53	17.23	32.05	106.83	8.47	4.37	8.08	5.70
19/01/2013	MF	DS3	12:06:34	B	5.0	69.0	0.03	17.18	32.05	106.01	8.41	4.34	8.07	6.50
19/01/2013	MF	DS3	12:08:10	M	3.0	146.0	0.16	17.21	32.05	106.48	8.45	4.16	8.08	7.20
19/01/2013	MF	DS3	12:09:46	S	1.0	31.2	0.11	17.28	32.04	107.45	8.51	4.00	8.08	5.80
19/01/2013	MF	DS4	12:16:42	B	4.0	331.5	0.17	17.17	32.05	108.25	8.59	4.37	8.08	6.10
19/01/2013	MF	DS4	12:18:06	M	2.5	188.6	0.39	17.16	32.05	110.01	8.73	4.11	8.09	5.00
19/01/2013	MF	DS4	12:19:38	S	1.0	271.1	0.45	17.23	32.05	111.85	8.87	4.51	8.10	5.60
19/01/2013	MF	DS4	12:21:14	B	4.0	224.4	0.57	17.14	32.05	110.42	8.77	3.83	8.09	5.90
19/01/2013	MF	DS4	12:22:58	M	2.5	294.6	0.63	17.16	32.05	110.85	8.80	3.83	8.10	5.40
19/01/2013	MF	DS4	12:25:12	S	1.0	298.4	0.25	17.26	32.05	112.30	8.90	3.75	8.10	5.70
19/01/2013	MF	DS4	12:26:46	B	4.0	252.6	0.24	17.14	32.06	111.62	8.87	3.75	8.10	5.70
19/01/2013	MF	DS4	12:28:18	M	2.5	271.7	0.48	17.15	32.06	112.42	8.93	3.69	8.10	5.40
19/01/2013	MF	DS4	12:29:50	S	1.0	131.7	0.40	17.24	32.05	113.40	8.99	4.18	8.10	6.20
19/01/2013	MF	DS5	12:37:38	B	2.9	229.7	0.20	17.11	32.09	115.62	9.19	3.66	8.12	6.10
19/01/2013	MF	DS5	12:39:10	S	1.0	292.9	0.27	17.18	32.09	118.61	9.41	3.74	8.13	6.80
19/01/2013	MF	DS5	12:41:10	B	2.9	318.9	0.20	17.13	32.09	119.67	9.51	3.66	8.14	6.20
19/01/2013	MF	DS5	12:42:42	S	1.0	306.4	0.05	17.28	32.08	119.67	9.48	3.69	8.13	6.40
19/01/2013	MF	DS5	12:44:26	B	2.9	299.9	0.22	17.15	32.09	119.85	9.52	3.50	8.14	6.00
19/01/2013	MF	DS5	12:45:54	S	1.0	254.5	0.66	17.20	32.08	120.19	9.53	3.20	8.14	6.10
19/01/2013	MF	US1	13:00:42	B	7.1	254.3	0.41	17.47	32.39	96.87	7.63	3.47	7.98	5.80
19/01/2013	MF	US1	13:02:22	M	4.1	230.6	0.15	17.46	32.34	97.60	7.69	3.02	7.99	4.50
19/01/2013	MF	US1	13:04:07	S	1.0	319.5	0.26	17.59	32.18	105.65	8.31	3.12	8.04	4.60
19/01/2013	MF	US1	13:05:55	B	7.1	192.5	0.68	17.47	32.38	97.39	7.67	2.99	7.99	5.50
19/01/2013	MF	US1	13:07:39	M	4.1	282.5	0.27	17.47	32.35	97.94	7.72	2.94	8.00	4.60
19/01/2013	MF	US1	13:09:30	S	1.0	204.2	0.22	17.53	32.28	102.58	8.08	2.92	8.01	4.80
19/01/2013	MF	US1	13:11:23	B	7.1	200.7	0.24	17.47	32.39	96.84	7.63	3.17	7.98	5.20
19/01/2013	MF	US1	13:12:54	M	4.1	105.1	0.15	17.47	32.36	97.34	7.67	3.10	7.99	4.80
19/01/2013	MF	US1	13:14:38	S	1.0	271.8	0.36	17.75	32.19	105.19	8.25	2.99	8.04	5.00
19/01/2013	MF	US2	13:21:34	B	9.2	312.2	0.36	17.46	32.45	96.02	7.56	2.94	7.97	4.00
19/01/2013	MF	US2	13:23:22	M	5.1	236.8	0.48	17.43	32.40	98.18	7.74	2.70	7.99	4.60
19/01/2013	MF	US2	13:25:04	S	1.0	195.4	0.80	18.03	32.13	108.20	8.45	3.44	8.05	4.40
19/01/2013	MF	US2	13:26:47	B	9.2	208.1	0.41	17.46	32.45	97.06	7.64	2.78	7.98	4.30
19/01/2013	MF	US2	13:28:27	M	5.1	269.4	0.38	17.44	32.42	97.08	7.65	2.63	7.99	4.70
19/01/2013	MF	US2	13:30:35	S	1.0	214.0	0.58	17.82	32.14	110.76	8.68	3.46	8.06	4.30
19/01/2013	MF	US2	13:32:43	B	9.2	163.1	0.57	17.45	32.45	96.28	7.58	2.86	7.98	4.40
19/01/2013	MF	US2	13:34:23	M	5.1	123.3	0.35	17.41	32.40	98.10	7.73	3.10	8.00	4.60
19/01/2013	MF	US2	13:36:35	S	1.0	219.0	0.44	17.95	32.16	110.03	8.60	3.18	8.05	4.50
19/01/2013	MF	MW1	11:28:24	B	19.8	12.0	0.67	17.58	32.90	92.86	7.28	2.10	7.68	4.40
19/01/2013	MF	MW1	11:30:12	M	10.4	268.5	0.19	17.57	32.90	93.15	7.30	1.72	7.70	3.70
19/01/2013	MF	MW1	11:31:55	S	1.0	328.2	0.47	17.60	32.90	93.42	7.32	1.71	7.71	3.20
19/01/2013	MF	MW1	11:33:56	B	19.8	308.0	0.38	17.57	32.90	92.81	7.27	2.19	7.71	4.60
19/01/2013	MF	MW1	11:35:43	M	10.4	116.8	0.18	17.58	32.90	92.83	7.27	1.79	7.72	4.00
19/01/2013	MF	MW1	11:37:28	S	1.0	202.7	0.22	17.61	32.90	93.53	7.32	1.53	7.73	3.40
19/01/2013	MF	MW1	11:39:20	B	19.8	36.8	0.22	17.58	32.90	92.47	7.25	2.31	7.71	4.60
19/01/2013	MF	MW1	11:41:07	M	10.4	73.0	0.34	17.58	32.90	92.63	7.26	2.06	7.71	3.90
19/01/2013	MF	MW1	11:42:52	S	1.0	350.7	0.51	17.59	32.90	92.53	7.25	1.65	7.72	3.30
19/01/2013	MF	THB1	12:47:47	B	3.8	28.5	0.20	17.41	32.42	114.59	9.05	2.29	7.92	6.30
19/01/2013	MF	THB1	12:49:19	S	1.0	217.8	0.34	17.44	32.42	116.10	9.15	2.24	7.91	5.50
19/01/2013	MF	THB1	12:50:51	B	3.8	124.8	0.36	17.31	32.43	114.86	9.07	2.40	7.91	6.10
19/01/2013	MF	THB1	12:52:23	S	1.0	208.1	0.57	17.44	32.42	116.31	9.17	2.47	7.91	5.80
19/01/2013	MF	THB1	12:53:55	B	3.8	270.6	0.37	17.29	32.43	116.21	9.18	2.23	7.91	6.40
19/01/2013	MF	THB1	12:55:27	S	1.0	99.1	0.19	17.46	32.42	117.13	9.23	2.32	7.92	6.00
19/01/2013	MF	THB2	11:39:25	M	1.5	0.0	0.00	16.96	31.95	109.53	8.74	6.88	7.75	7.10
19/01/2013	MF	THB2	11:42:13	M	1.5	0.0	0.00	16.95	31.95	109.73	8.75	7.36	7.75	7.70
19/01/2013	MF	THB2	11:44:27	M	1.5	0.0	0.00	16.95	31.95	110.01	8.78	8.16	7.79	7.50
19/01/2013	MF	WSR45C	12:15:04	B	12.8	92.1	1.40	17.36	32.67	99.83	7.87	2.67	7.77	5.60
19/01/2013	MF	WSR45C	12:16:51	M	6.9	238.1	0.48	17.38	32.68	99.66	7.85	2.56	7.79	5.30
19/01/2013	MF	WSR45C	12:18:43	S	1.0	253.2	0.30	17.63	32.50	112.09	8.80	2.12	7.88	5.00
19/01/2013	MF	WSR45C	12:20:35	B	12.8	327.5	0.28	17.37	32.69	99.34	7.83	2.69	7.81	5.50
19/01/2013	MF	WSR45C	12:22:15	M	6.9	252.2	0.41	17.42	32.69	99.79	7.85	2.18	7.82	5.50
19/01/2013	MF	WSR45C	12:23:55	S	1.0	13.1	0.29	17.75	32.59	106.60	8.34	1.77	7.8	

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)
19/01/2013	ME	DS1	18:12:41	B	6.0	218.7	0.16	17.53	32.36	100.46	7.91	24.04	8.01	30.40
19/01/2013	ME	DS1	18:14:29	M	3.5	31.0	0.68	17.56	32.29	103.63	8.15	17.97	8.03	11.60
19/01/2013	ME	DS1	18:16:09	S	1.0	36.8	0.30	17.43	32.16	106.66	8.42	4.29	8.05	6.00
19/01/2013	ME	DS1	18:17:57	B	6.0	92.7	0.13	17.54	32.36	101.22	7.96	26.88	8.02	31.00
19/01/2013	ME	DS1	18:19:25	M	3.5	170.0	0.71	17.51	32.28	102.68	8.09	19.41	8.04	31.40
19/01/2013	ME	DS1	18:21:07	S	1.0	357.0	0.30	17.39	32.14	106.83	8.44	4.08	8.06	5.90
19/01/2013	ME	DS1	18:22:57	B	6.0	111.8	0.22	17.53	32.33	101.52	7.99	26.58	8.03	30.80
19/01/2013	ME	DS1	18:30:33	M	3.5	127.1	0.16	17.46	32.24	103.52	8.16	16.06	8.04	14.20
19/01/2013	ME	DS1	18:32:21	S	1.0	154.0	0.21	17.42	32.17	106.50	8.41	4.16	8.06	5.80
19/01/2013	ME	DS2	18:49:49	B	7.0	155.7	0.46	17.51	32.38	101.25	7.97	11.70	8.02	13.00
19/01/2013	ME	DS2	18:51:17	M	4.0	180.0	0.23	17.52	32.24	103.87	8.18	7.93	8.05	11.60
19/01/2013	ME	DS2	18:52:53	S	1.0	75.0	0.27	17.45	32.18	106.77	8.42	5.23	8.06	7.90
19/01/2013	ME	DS2	18:54:29	B	7.0	76.1	0.76	17.53	32.34	102.71	8.08	13.12	8.03	13.40
19/01/2013	ME	DS2	18:56:05	M	4.0	328.0	0.09	17.45	32.19	106.00	8.36	7.05	8.06	11.30
19/01/2013	ME	DS2	18:57:41	S	1.0	152.1	0.17	17.45	32.18	106.93	8.44	5.33	8.06	7.50
19/01/2013	ME	DS2	18:59:25	B	7.0	96.5	0.34	17.53	32.26	104.32	8.21	13.40	8.05	13.60
19/01/2013	ME	DS2	19:00:57	M	4.0	17.9	0.83	17.44	32.18	105.95	8.36	7.12	8.06	11.80
19/01/2013	ME	DS2	19:02:37	S	1.0	317.4	0.72	17.41	32.16	106.82	8.43	4.80	8.06	8.90
19/01/2013	ME	DS3	19:12:45	B	8.0	91.1	0.47	17.50	32.38	101.70	8.01	4.18	8.02	7.40
19/01/2013	ME	DS3	19:14:21	M	4.5	69.2	0.81	17.53	32.23	106.94	8.42	4.29	8.07	5.60
19/01/2013	ME	DS3	19:15:57	S	1.0	341.8	0.54	17.50	32.22	108.15	8.52	3.64	8.07	6.10
19/01/2013	ME	DS3	19:17:57	B	8.0	175.6	0.37	17.49	32.39	100.64	7.92	4.41	8.02	7.10
19/01/2013	ME	DS3	19:19:49	M	4.5	166.6	0.82	17.50	32.22	106.54	8.40	4.81	8.06	6.00
19/01/2013	ME	DS3	19:21:23	S	1.0	55.2	0.61	17.47	32.20	108.49	8.55	3.25	8.07	5.40
19/01/2013	ME	DS3	19:23:42	B	8.0	126.6	0.56	17.51	32.36	101.24	7.97	5.07	8.03	7.30
19/01/2013	ME	DS3	19:25:22	M	4.5	68.3	0.47	17.50	32.21	106.77	8.41	4.87	8.07	5.70
19/01/2013	ME	DS3	19:26:54	S	1.0	90.8	0.35	17.47	32.20	108.55	8.56	3.77	8.07	5.90
19/01/2013	ME	DS4	19:40:22	B	7.0	353.4	0.37	17.48	32.40	100.11	7.88	2.83	8.00	4.70
19/01/2013	ME	DS4	19:42:02	M	4.0	68.4	0.36	17.49	32.37	100.72	7.93	2.61	8.02	5.90
19/01/2013	ME	DS4	19:43:30	S	1.0	35.2	0.61	17.47	32.19	110.51	8.71	2.93	8.09	4.70
19/01/2013	ME	DS4	19:45:21	B	7.0	101.2	0.10	17.48	32.40	100.79	7.94	2.73	8.02	4.60
19/01/2013	ME	DS4	19:47:10	M	4.0	102.0	0.22	17.48	32.26	105.92	8.35	3.16	8.06	5.40
19/01/2013	ME	DS4	19:48:46	S	1.0	27.3	0.52	17.45	32.17	113.68	8.97	2.91	8.10	5.00
19/01/2013	ME	DS4	19:50:22	B	7.0	300.3	0.36	17.49	32.40	101.34	7.98	3.03	8.02	4.90
19/01/2013	ME	DS4	19:51:50	M	4.0	345.8	0.31	17.47	32.21	104.98	8.28	3.11	8.07	5.70
19/01/2013	ME	DS4	19:53:26	S	1.0	337.0	0.40	17.44	32.17	113.33	8.94	3.37	8.10	5.10
19/01/2013	ME	DS5	20:00:46	B	4.0	37.8	0.48	17.38	32.26	108.69	8.58	3.69	8.05	6.30
19/01/2013	ME	DS5	20:02:14	M	2.5	14.2	0.34	17.40	32.26	108.56	8.57	3.02	8.06	5.10
19/01/2013	ME	DS5	20:03:54	S	1.0	247.6	0.11	17.37	32.18	113.59	8.98	3.37	8.10	5.40
19/01/2013	ME	DS5	20:06:58	B	4.0	354.8	0.28	17.41	32.26	108.51	8.56	3.00	8.06	6.10
19/01/2013	ME	DS5	20:08:34	M	2.5	41.8	0.62	17.42	32.24	110.12	8.69	3.13	8.07	5.40
19/01/2013	ME	DS5	20:10:30	S	1.0	131.3	0.44	17.36	32.15	115.11	9.10	3.22	8.11	5.00
19/01/2013	ME	DS5	20:12:38	B	4.0	311.4	0.32	17.40	32.25	109.87	8.67	3.04	8.06	5.90
19/01/2013	ME	DS5	20:14:02	M	2.5	182.0	0.28	17.40	32.23	110.45	8.72	3.15	8.07	5.70
19/01/2013	ME	DS5	20:15:26	S	1.0	7.5	0.46	17.38	32.17	114.14	9.02	3.25	8.10	5.70
19/01/2013	ME	US1	20:32:10	B	4.0	165.2	0.47	17.37	32.08	112.14	8.87	4.45	8.08	8.10
19/01/2013	ME	US1	20:33:38	M	2.5	57.6	0.09	17.38	32.08	112.77	8.91	4.79	8.09	7.50
19/01/2013	ME	US1	20:35:30	S	1.0	259.2	0.69	17.37	32.08	113.00	8.93	4.27	8.08	7.20
19/01/2013	ME	US1	20:37:10	B	4.0	99.3	0.16	17.38	32.08	112.90	8.92	5.01	8.08	8.50
19/01/2013	ME	US1	20:38:38	M	2.5	126.5	0.57	17.38	32.08	112.94	8.93	4.56	8.08	8.00
19/01/2013	ME	US1	20:40:06	S	1.0	299.1	0.27	17.37	32.08	113.00	8.93	4.61	8.08	7.00
19/01/2013	ME	US1	20:41:37	B	4.0	96.7	0.16	17.37	32.08	113.02	8.94	4.91	8.09	7.40
19/01/2013	ME	US1	20:43:09	M	2.5	171.2	0.20	17.38	32.08	112.91	8.93	4.87	8.08	8.80
19/01/2013	ME	US1	20:44:45	S	1.0	70.8	0.29	17.38	32.08	112.42	8.89	4.42	8.08	7.90
19/01/2013	ME	US2	20:51:32	B	5.0	156.3	0.28	17.39	32.07	111.85	8.84	5.25	8.07	6.00
19/01/2013	ME	US2	20:53:02	M	3.0	326.4	0.24	17.38	32.08	113.08	8.94	4.68	8.08	6.50
19/01/2013	ME	US2	20:54:30	S	1.0	120.1	0.48	17.39	32.08	113.51	8.97	4.57	8.08	6.00
19/01/2013	ME	US2	20:56:18	B	5.0	159.1	0.42	17.35	32.07	111.99	8.86	5.00	8.07	5.80
19/01/2013	ME	US2	20:57:46	M	3.0	257.5	0.48	17.34	32.07	111.92	8.85	4.76	8.08	6.10
19/01/2013	ME	US2	20:59:10	S	1.0	181.3	0.35	17.36	32.08	112.28	8.88	4.84	8.08	6.30
19/01/2013	ME	US2	21:02:42	B	5.0	264.2	0.38	17.38	32.07	111.72	8.83	4.31	8.08	6.10
19/01/2013	ME	US2	21:04:10	M	3.0	126.9	0.34	17.38	32.08	113.07	8.94	4.26	8.08	5.90
19/01/2013	ME	US2	21:05:34	S	1.0	165.1	0.10	17.37	32.07	114.50	9.05	4.43	8.09	6.40
19/01/2013	ME	MW1	20:02:59	B	19.6	317.4	0.14	17.61	32.87	97.56	7.64	1.25	7.73	4.10
19/01/2013	ME	MW1	20:04:43	M	10.3	191.0	0.45	17.61	32.88	97.48	7.64	1.27	7.74	4.60
19/01/2013	ME	MW1	20:06:35	S	1.0	104.5	0.81	17.61	32.89	96.47	7.56	1.24	7.74	3.60
19/01/2013	ME	MW1	20:08:31	B	19.6	81.5	0.39	17.61	32.89	96.91	7.59	1.40	7.75	4.00
19/01/2013	ME	MW1	20:10:23	M	10.3	58.0	0.46	17.61	32.89	96.87	7.59	1.32	7.75	4.50
19/01/2013	ME	MW1	20:12:07	S	1.0	15.4	0.53	17.60	32.89	96.67	7.57	1.25	7.75	3.80
19/01/2013	ME	MW1	20:14:07	B	19.6	109.0	0.21	17.61	32.89	96.65	7.57	1.50	7.75	4.00
19/01/2013	ME	MW1	20:16:11	M	10.3	3.0	0.85	17.60	32.89	96.85	7.59	1.26	7.75	4.50
19/01/2013	ME	MW1	20:17:59	S	1.0	59.7	0.72	17.59	32.89	96.46	7.56	1.44	7.76	4.00
19/01/2013	ME	THB1	18:45:39	B	3.8	80.2	0.55	17.38	32.40	120.08	9.47	3.14	7.75	5.90
19/01/2013	ME	THB1	18:47:11	S	1.0	306.5	1.35	17.40	32.40	121.74	9.60	3.05	7.78	6.90
19/01/2013	ME	THB1	18:48:43	B	3.8	182.1	0.49	17.37	32.40	121.73	9.60	3.19	7.79	6.30
19/01/2013	ME	THB1	18:50:15	S	1.0	62.8	0.31	17.39	32.40	121.91	9.62	3.07	7.80	6.70
19/01/2013	ME	THB1	18:51:51	B	3.8	114.1	0.45	17.37	32.40	121.06	9.55	3.06	7.81	6.20
19/01/2013	ME	THB1	18:53:19	S	1.0	29.3	0.56	17.41	32.40	122.17	9.63	3.11	7.82	6.60
19/01/2013	ME	THB2	18:10:56	M	1.5	0.0	0.00	17.73	32.42	118.13	9.26	4.52	8.06	7.80
19/01/2013	ME	THB2	18:13:00	M	1.5	0.0	0.00	17.71	32.43	117.55	9.21	4.59	8.07	7.70
19/01/2013	ME	THB2	18:15:00	M	1.5	0.0	0.00	17.71	32.42	117.47	9.21	4.54	8.07	7.40
19/01/2013	ME	WSR45C	19:17:07	B	12.8	35.2	0.73	17.49	32.76	99.22	7.79	2.01	7.70	4.00
19/01/2013	ME	WSR45C	19:18:55	M	6.9	331.5	0.61	17.48	32.68	103.84	8.16	1.78	7.75	5.00
19/01/2013	ME	WSR45C	19:20:35	S	1.0	52.2	1.05	17.41	32.62	106.85	8.41			