

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)
15/01/2013	MF	DS1	08:41:05	B	4.0	235.0	0.09	17.17	32.39	98.15	7.77	8.84	7.94	9.50
15/01/2013	MF	DS1	08:42:29	M	2.5	297.6	0.10	17.19	32.41	97.85	7.75	9.01	7.95	9.10
15/01/2013	MF	DS1	08:44:21	S	1.0	303.0	0.46	17.21	32.41	98.27	7.78	8.89	7.97	10.20
15/01/2013	MF	DS1	08:45:57	B	4.0	236.3	0.10	17.22	32.41	98.25	7.78	9.44	7.98	10.00
15/01/2013	MF	DS1	08:47:25	M	2.5	272.3	0.35	17.22	32.40	98.29	7.78	9.30	7.99	9.30
15/01/2013	MF	DS1	08:49:25	S	1.0	346.0	0.18	17.21	32.41	98.63	7.81	8.42	8.01	10.40
15/01/2013	MF	DS1	08:51:01	B	4.0	265.7	0.23	17.21	32.41	98.44	7.79	9.75	8.01	10.30
15/01/2013	MF	DS1	08:52:33	M	2.5	218.9	0.68	17.22	32.41	98.58	7.80	9.29	8.02	9.70
15/01/2013	MF	DS1	08:54:03	S	1.0	247.1	0.44	17.22	32.41	98.92	7.83	9.81	8.02	10.70
15/01/2013	MF	DS2	09:01:13	B	3.0	267.1	0.54	17.20	32.38	99.17	7.85	10.87	8.02	13.90
15/01/2013	MF	DS2	09:02:41	S	1.0	210.3	0.33	17.21	32.39	98.72	7.81	9.66	8.03	12.10
15/01/2013	MF	DS2	09:04:13	B	3.0	220.9	0.35	17.21	32.40	98.91	7.83	9.83	8.03	13.50
15/01/2013	MF	DS2	09:05:49	S	1.0	248.9	0.36	17.21	32.40	99.33	7.86	9.03	8.04	11.90
15/01/2013	MF	DS2	09:07:21	B	3.0	228.0	0.27	17.21	32.40	99.07	7.84	10.22	8.04	13.40
15/01/2013	MF	DS2	09:09:05	S	1.0	236.2	0.34	17.21	32.40	99.42	7.87	8.32	8.04	11.50
15/01/2013	MF	DS3	09:16:05	B	4.0	171.0	0.27	17.21	32.39	99.30	7.86	8.14	8.02	8.10
15/01/2013	MF	DS3	09:17:29	M	2.5	356.4	0.26	17.22	32.38	98.94	7.83	7.97	8.03	10.00
15/01/2013	MF	DS3	09:18:57	S	1.0	265.8	0.31	17.22	32.38	99.16	7.85	8.06	8.03	8.80
15/01/2013	MF	DS3	09:20:33	B	4.0	308.7	0.44	17.21	32.39	99.03	7.84	7.65	8.03	8.70
15/01/2013	MF	DS3	09:22:09	M	2.5	261.8	0.44	17.21	32.40	99.33	7.86	7.94	8.03	9.80
15/01/2013	MF	DS3	09:23:45	S	1.0	264.0	0.74	17.21	32.40	99.58	7.88	8.02	8.03	9.00
15/01/2013	MF	DS3	09:25:29	B	4.0	260.5	0.51	17.21	32.41	99.79	7.90	7.08	8.04	8.40
15/01/2013	MF	DS3	09:26:53	M	2.5	346.8	0.27	17.21	32.41	100.04	7.92	7.28	8.03	10.30
15/01/2013	MF	DS3	09:28:25	S	1.0	204.0	0.53	17.22	32.41	100.35	7.94	7.53	8.04	9.50
15/01/2013	MF	DS4	09:35:13	B	5.0	230.2	0.66	17.20	32.38	99.02	7.84	8.33	8.02	9.90
15/01/2013	MF	DS4	09:36:41	M	3.0	272.1	0.38	17.20	32.38	99.03	7.84	7.84	8.02	10.40
15/01/2013	MF	DS4	09:38:17	S	1.0	230.7	0.47	17.21	32.38	99.34	7.86	8.06	8.03	9.90
15/01/2013	MF	DS4	09:39:53	B	5.0	329.8	0.52	17.20	32.38	98.89	7.83	8.25	8.03	9.50
15/01/2013	MF	DS4	09:41:21	M	3.0	234.3	0.74	17.22	32.38	99.18	7.85	7.89	8.03	10.00
15/01/2013	MF	DS4	09:42:57	S	1.0	202.9	0.40	17.21	32.38	99.35	7.86	7.81	8.03	9.80
15/01/2013	MF	DS4	09:44:33	B	5.0	249.2	0.40	17.21	32.38	98.99	7.84	7.90	8.02	9.90
15/01/2013	MF	DS4	09:45:57	M	3.0	356.2	0.54	17.21	32.38	99.13	7.85	8.65	8.02	9.70
15/01/2013	MF	DS4	09:47:52	S	1.0	271.5	0.47	17.23	32.38	99.61	7.88	7.34	8.02	9.60
15/01/2013	MF	DS5	09:56:13	M	1.5	322.6	0.28	17.21	32.41	100.07	7.92	6.42	8.02	8.90
15/01/2013	MF	DS5	09:58:40	M	1.5	260.2	0.44	17.22	32.40	100.12	7.92	6.38	8.02	8.70
15/01/2013	MF	DS5	10:00:09	M	1.5	305.3	0.56	17.23	32.40	100.21	7.93	6.00	8.03	8.60
15/01/2013	MF	US1	10:25:01	B	6.0	31.5	0.16	17.29	32.45	99.44	7.86	9.84	7.99	11.10
15/01/2013	MF	US1	10:26:32	M	3.5	245.3	0.38	17.31	32.43	99.75	7.88	7.39	8.00	9.00
15/01/2013	MF	US1	10:28:01	S	1.0	256.9	0.76	17.31	32.43	100.09	7.91	7.60	8.00	8.80
15/01/2013	MF	US1	10:29:37	B	6.0	222.4	0.14	17.29	32.43	99.31	7.85	8.82	8.00	10.80
15/01/2013	MF	US1	10:31:08	M	3.5	315.7	0.61	17.29	32.43	99.33	7.85	8.55	8.00	12.60
15/01/2013	MF	US1	10:32:40	S	1.0	308.6	0.38	17.31	32.43	100.12	7.91	7.63	8.01	10.30
15/01/2013	MF	US1	10:34:20	B	6.0	145.1	0.35	17.29	32.43	99.23	7.84	9.64	8.01	12.20
15/01/2013	MF	US1	10:35:48	M	3.5	260.8	0.49	17.30	32.43	99.50	7.86	8.18	8.01	10.40
15/01/2013	MF	US1	10:37:48	S	1.0	248.5	0.50	17.34	32.44	100.39	7.92	6.84	8.01	10.20
15/01/2013	MF	US2	10:44:36	B	8.0	114.0	0.28	17.37	32.50	98.76	7.79	9.08	7.99	13.40
15/01/2013	MF	US2	10:46:08	M	4.5	188.5	0.36	17.38	32.51	98.63	7.78	7.28	7.99	9.10
15/01/2013	MF	US2	10:47:48	S	1.0	199.8	0.44	17.42	32.51	98.90	7.79	6.07	7.99	7.90
15/01/2013	MF	US2	10:49:28	B	8.0	287.6	0.52	17.39	32.51	98.10	7.73	8.36	7.99	9.40
15/01/2013	MF	US2	10:51:44	M	4.5	147.4	0.13	17.42	32.51	98.25	7.74	7.55	7.99	9.30
15/01/2013	MF	US2	10:53:20	S	1.0	244.7	0.54	17.45	32.51	98.81	7.78	6.01	8.00	8.50
15/01/2013	MF	US2	10:55:05	B	8.0	325.9	0.45	17.42	32.51	98.13	7.73	7.85	8.00	9.70
15/01/2013	MF	US2	10:56:44	M	4.5	258.9	0.49	17.43	32.51	98.25	7.74	6.52	7.99	8.90
15/01/2013	MF	US2	10:58:16	S	1.0	241.2	0.52	17.45	32.51	98.59	7.76	6.84	7.99	8.30
15/01/2013	MF	MW1	08:47:03	B	19.8	58.5	0.20	17.60	32.91	97.84	7.66	12.50	7.72	10.90
15/01/2013	MF	MW1	08:48:51	M	10.4	312.3	0.10	17.60	32.91	97.76	7.66	10.73	7.74	12.10
15/01/2013	MF	MW1	08:50:35	S	1.0	90.2	0.28	17.60	32.91	98.12	7.69	8.22	7.76	10.90
15/01/2013	MF	MW1	08:52:23	B	19.8	280.6	0.18	17.59	32.91	97.91	7.67	11.88	7.75	11.30
15/01/2013	MF	MW1	08:54:06	M	10.4	357.8	0.49	17.59	32.92	97.64	7.65	11.12	7.75	11.90
15/01/2013	MF	MW1	08:55:46	S	1.0	353.0	0.41	17.60	32.92	98.09	7.68	8.15	7.75	11.00
15/01/2013	MF	MW1	08:57:34	B	19.8	326.7	0.19	17.60	32.92	97.75	7.66	11.03	7.75	10.60
15/01/2013	MF	MW1	08:59:23	M	10.4	41.2	0.41	17.62	32.94	97.00	7.59	9.44	7.74	11.60
15/01/2013	MF	MW1	09:01:02	S	1.0	180.7	0.16	17.62	32.95	97.39	7.62	6.83	7.74	11.20
15/01/2013	MF	THB1	10:11:41	B	3.3	184.6	0.52	17.27	32.70	111.31	8.78	4.02	7.82	7.70
15/01/2013	MF	THB1	10:13:09	S	1.0	192.5	0.44	17.28	32.71	112.54	8.88	4.18	7.83	7.80
15/01/2013	MF	THB1	10:14:31	B	3.3	208.1	0.43	17.26	32.71	112.08	8.85	3.88	7.83	7.50
15/01/2013	MF	THB1	10:15:57	S	1.0	168.5	0.72	17.28	32.71	112.62	8.89	4.01	7.84	7.40
15/01/2013	MF	THB1	10:17:21	B	3.3	223.0	0.25	17.26	32.71	112.21	8.86	4.28	7.84	7.50
15/01/2013	MF	THB1	10:18:43	S	1.0	170.8	0.66	17.27	32.71	112.31	8.86	3.81	7.84	7.10
15/01/2013	MF	THB2	09:17:42	M	1.0	0.0	0.00	17.14	32.33	103.24	8.19	4.05	7.93	9.10
15/01/2013	MF	THB2	09:20:22	M	1.0	0.0	0.00	17.14	32.33	103.37	8.20	4.36	7.94	9.00
15/01/2013	MF	THB2	09:23:02	M	1.0	0.0	0.00	17.22	32.34	104.19	8.25	4.21	7.95	8.80
15/01/2013	MF	WSR45C	09:37:45	B	12.6	268.7	0.50	17.41	32.70	100.81	7.93	9.10	7.73	13.30
15/01/2013	MF	WSR45C	09:39:17	M	6.8	299.0	0.33	17.42	32.71	100.77	7.93	7.72	7.75	12.70
15/01/2013	MF	WSR45C	09:40:47	S	1.0	236.3	0.24	17.42	32.68	101.12	7.96	6.97	7.76	9.00
15/01/2013	MF	WSR45C	09:44:59	B	12.6	229.0	0.57	17.44	32.78	100.27	7.88	10.30	7.74	13.50
15/01/2013	MF	WSR45C	09:46:37	M	6.8	207.5	0.34	17.44	32.77	100.15	7.87	9.04	7.76	12.40
15/01/2013	MF	WSR45C	09:48:09	S	1.0	231.4	0.31	17.45	32.76	100.78	7.92	8.19	7.77	8.60
15/01/2013	MF	WSR45C	09:49:49	B	12.6	259.4	0.44	17.45	32.77	99.98	7.86	10.55	7.77	13.80
15/01/2013	MF	WSR45C	09:51:55	M	6.8	229.7	0.53	17.46	32.76	100.13	7.87	9.22	7.77	12.30
15/01/2013	MF	WSR45C	09:53:29	S	1.0	241.5	0.57	17.45	32.76	100.82	7.93	8.06	7.77	7.40
15/01/2013	MF	WSR46	10:37:53	B	9.6	296.1	0.27	17.38	32.69	100.79	7.94	13.22	7.75	15.30
15/01/2013	MF	WSR46	10:39:29	M	5.3	287.6	0.13	17.38	32.70	100.79	7.94	9.90	7.77	11.50
15/01/2013	MF	WSR46	10:41:01	S	1.0	316.7	0.51	17.39</						

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)
15/01/2013	ME	DS1	14:17:32	B	6.0	65.2	0.72	17.48	32.54	98.60	7.76	4.49	7.87	6.50
15/01/2013	ME	DS1	14:18:58	M	3.5	153.4	0.25	17.48	32.55	97.81	7.70	4.71	7.90	8.70
15/01/2013	ME	DS1	14:20:30	S	1.0	307.1	0.15	17.47	32.54	98.20	7.73	4.09	7.92	6.50
15/01/2013	ME	DS1	14:22:30	B	6.0	124.3	0.33	17.48	32.55	97.53	7.67	4.40	7.93	6.80
15/01/2013	ME	DS1	14:24:06	M	3.5	47.7	0.51	17.48	32.55	97.93	7.71	4.21	7.94	8.10
15/01/2013	ME	DS1	14:26:02	S	1.0	75.9	0.39	17.48	32.53	98.17	7.72	4.26	7.95	6.20
15/01/2013	ME	DS1	14:27:50	B	6.0	4.4	0.44	17.49	32.55	97.54	7.67	4.44	7.95	5.90
15/01/2013	ME	DS1	14:29:22	M	3.5	177.3	0.34	17.48	32.53	97.60	7.68	4.37	7.95	7.90
15/01/2013	ME	DS1	14:30:54	S	1.0	75.5	0.58	17.48	32.53	98.15	7.72	4.16	7.96	6.10
15/01/2013	ME	DS2	14:37:12	B	7.0	118.4	0.35	17.49	32.55	97.69	7.68	4.62	7.96	6.30
15/01/2013	ME	DS2	14:38:42	M	4.0	157.7	0.19	17.48	32.53	97.55	7.68	4.42	7.97	5.90
15/01/2013	ME	DS2	14:40:18	S	1.0	182.7	0.30	17.47	32.53	98.29	7.74	4.14	7.98	5.50
15/01/2013	ME	DS2	14:41:54	B	7.0	162.8	0.51	17.49	32.55	97.04	7.63	4.56	7.97	6.60
15/01/2013	ME	DS2	14:43:18	M	4.0	64.7	0.33	17.48	32.53	97.54	7.68	4.36	7.98	6.00
15/01/2013	ME	DS2	14:44:46	S	1.0	116.0	0.39	17.47	32.53	98.20	7.73	4.09	7.98	6.00
15/01/2013	ME	DS2	14:46:22	B	7.0	15.8	0.59	17.49	32.55	97.12	7.64	4.51	7.98	6.50
15/01/2013	ME	DS2	14:47:54	M	4.0	94.3	0.73	17.48	32.53	97.87	7.70	4.19	7.98	6.20
15/01/2013	ME	DS2	14:49:30	S	1.0	82.5	0.51	17.47	32.52	98.82	7.78	3.90	7.99	5.80
15/01/2013	ME	DS3	14:55:18	B	8.0	51.4	0.43	17.49	32.55	97.42	7.66	4.37	7.97	6.00
15/01/2013	ME	DS3	14:56:46	M	4.5	101.1	0.42	17.47	32.52	98.02	7.71	4.14	7.98	7.50
15/01/2013	ME	DS3	14:58:22	S	1.0	143.2	0.13	17.47	32.52	98.69	7.77	3.93	7.99	5.60
15/01/2013	ME	DS3	15:00:02	B	8.0	71.8	0.22	17.49	32.54	97.35	7.66	4.56	7.98	6.30
15/01/2013	ME	DS3	15:01:34	M	4.5	101.6	0.36	17.48	32.53	97.82	7.70	4.19	7.98	7.20
15/01/2013	ME	DS3	15:03:06	S	1.0	65.7	0.37	17.48	32.52	98.52	7.75	4.00	7.98	5.80
15/01/2013	ME	DS3	15:04:50	B	8.0	64.0	0.48	17.48	32.53	97.33	7.66	4.76	7.98	6.50
15/01/2013	ME	DS3	15:06:22	M	4.5	27.7	0.20	17.48	32.52	97.74	7.69	4.67	7.98	7.10
15/01/2013	ME	DS3	15:07:54	S	1.0	46.1	0.23	17.47	32.52	98.50	7.75	4.51	7.98	6.20
15/01/2013	ME	DS4	15:13:22	B	8.0	124.7	0.36	17.48	32.53	99.28	7.81	4.04	7.98	6.70
15/01/2013	ME	DS4	15:14:46	M	4.5	91.0	0.11	17.49	32.53	99.76	7.85	3.62	7.98	4.40
15/01/2013	ME	DS4	15:16:22	S	1.0	134.3	0.27	17.49	32.53	100.67	7.92	3.56	7.99	4.30
15/01/2013	ME	DS4	15:17:58	B	8.0	246.1	0.35	17.49	32.53	99.56	7.83	4.47	7.99	6.40
15/01/2013	ME	DS4	15:19:26	M	4.5	22.8	0.62	17.49	32.53	99.55	7.83	3.83	7.99	4.70
15/01/2013	ME	DS4	15:21:02	S	1.0	37.4	0.36	17.48	32.53	100.09	7.88	3.63	7.99	4.70
15/01/2013	ME	DS4	15:22:38	B	8.0	50.4	0.50	17.49	32.53	99.25	7.81	4.36	7.99	6.40
15/01/2013	ME	DS4	15:24:02	M	4.5	0.2	0.24	17.49	32.53	99.72	7.84	3.81	7.99	5.00
15/01/2013	ME	DS4	15:25:26	S	1.0	348.7	0.78	17.50	32.53	100.84	7.93	3.46	7.99	4.50
15/01/2013	ME	DS5	15:30:50	B	4.0	51.1	0.58	17.49	32.52	102.31	8.05	3.81	7.99	6.00
15/01/2013	ME	DS5	15:32:22	M	2.5	46.9	0.75	17.46	32.51	103.62	8.16	3.90	8.00	6.00
15/01/2013	ME	DS5	15:33:50	S	1.0	116.4	0.30	17.46	32.51	104.28	8.21	3.81	8.00	5.20
15/01/2013	ME	DS5	15:35:26	B	4.0	171.6	0.23	17.46	32.51	103.78	8.17	3.87	8.00	6.70
15/01/2013	ME	DS5	15:36:49	M	2.5	28.4	0.26	17.46	32.51	104.03	8.19	3.67	8.00	5.60
15/01/2013	ME	DS5	15:38:14	S	1.0	41.8	0.34	17.47	32.51	104.25	8.21	3.59	8.00	5.50
15/01/2013	ME	DS5	15:39:46	B	4.0	123.2	0.76	17.45	32.51	104.63	8.24	4.30	8.01	6.20
15/01/2013	ME	DS5	15:41:10	M	2.5	85.2	0.17	17.46	32.51	104.71	8.24	3.77	8.01	5.60
15/01/2013	ME	DS5	15:42:46	S	1.0	34.0	0.89	17.44	32.50	105.75	8.33	4.10	8.01	5.50
15/01/2013	ME	US1	15:58:40	B	4.0	12.7	0.50	17.35	32.42	102.04	8.05	6.88	7.98	8.20
15/01/2013	ME	US1	16:00:06	M	2.5	327.5	0.28	17.36	32.42	102.22	8.07	6.53	7.99	8.40
15/01/2013	ME	US1	16:01:38	S	1.0	233.3	0.52	17.36	32.42	102.37	8.08	6.37	7.99	7.80
15/01/2013	ME	US1	16:03:10	B	4.0	308.6	0.45	17.36	32.42	102.18	8.06	6.68	8.00	8.60
15/01/2013	ME	US1	16:04:42	M	2.5	351.4	0.48	17.36	32.42	102.34	8.08	6.34	8.00	8.90
15/01/2013	ME	US1	16:06:18	S	1.0	140.6	0.30	17.36	32.42	102.50	8.09	6.14	8.00	7.90
15/01/2013	ME	US1	16:07:51	B	4.0	67.9	0.30	17.36	32.42	102.21	8.07	6.72	8.00	8.60
15/01/2013	ME	US1	16:09:14	M	2.5	343.5	0.25	17.36	32.42	102.48	8.09	7.38	8.00	8.70
15/01/2013	ME	US1	16:10:46	S	1.0	28.3	0.25	17.36	32.42	102.93	8.12	7.21	8.00	8.60
15/01/2013	ME	US2	16:15:36	B	5.0	275.0	0.65	17.36	32.43	102.85	8.12	8.03	7.99	9.60
15/01/2013	ME	US2	16:17:06	M	3.0	178.2	0.71	17.36	32.43	103.00	8.13	7.57	7.99	11.70
15/01/2013	ME	US2	16:18:34	S	1.0	288.0	0.37	17.36	32.43	103.41	8.16	8.68	7.99	10.30
15/01/2013	ME	US2	16:20:10	B	5.0	180.0	0.17	17.35	32.43	103.34	8.16	9.04	7.99	11.00
15/01/2013	ME	US2	16:21:36	M	3.0	141.9	0.42	17.36	32.43	103.35	8.16	8.62	7.99	11.20
15/01/2013	ME	US2	16:23:02	S	1.0	12.7	0.16	17.35	32.42	103.65	8.18	8.71	7.99	10.80
15/01/2013	ME	US2	16:24:34	B	5.0	62.9	0.54	17.36	32.43	103.22	8.15	9.33	7.99	10.50
15/01/2013	ME	US2	16:25:58	M	3.0	348.6	0.50	17.36	32.43	103.39	8.16	7.51	7.99	10.80
15/01/2013	ME	US2	16:27:22	S	1.0	140.9	0.06	17.36	32.43	103.82	8.19	7.29	8.00	9.80
15/01/2013	ME	MW1	16:02:48	B	19.8	295.9	0.28	17.68	32.90	96.30	7.53	3.81	7.74	6.00
15/01/2013	ME	MW1	16:04:28	M	10.4	7.4	0.24	17.67	32.90	96.11	7.52	3.45	7.74	5.90
15/01/2013	ME	MW1	16:06:12	S	1.0	78.6	0.34	17.67	32.91	96.47	7.55	3.30	7.74	5.20
15/01/2013	ME	MW1	16:07:56	B	19.8	52.2	0.15	17.67	32.91	95.80	7.49	3.93	7.74	5.90
15/01/2013	ME	MW1	16:09:56	M	10.4	2.8	0.33	17.67	32.92	95.91	7.50	3.58	7.73	5.90
15/01/2013	ME	MW1	16:11:36	S	1.0	88.6	0.45	17.67	32.92	96.31	7.53	3.45	7.73	5.30
15/01/2013	ME	MW1	16:13:24	B	19.8	5.8	0.24	17.67	32.92	96.08	7.52	4.13	7.73	5.80
15/01/2013	ME	MW1	16:15:08	M	10.4	36.9	0.63	17.67	32.92	96.17	7.52	3.22	7.73	5.60
15/01/2013	ME	MW1	16:16:48	S	1.0	64.7	0.61	17.67	32.92	96.74	7.57	3.27	7.73	5.00
15/01/2013	ME	THB1	14:54:04	B	3.8	88.4	0.33	17.42	32.65	112.18	8.83	3.00	7.76	5.30
15/01/2013	ME	THB1	14:55:28	S	1.0	332.1	0.20	17.42	32.65	113.58	8.94	3.15	7.77	6.10
15/01/2013	ME	THB1	14:56:56	B	3.8	121.6	0.12	17.41	32.66	114.08	8.98	3.18	7.79	5.40
15/01/2013	ME	THB1	14:58:20	S	1.0	41.9	0.09	17.42	32.66	114.48	9.01	3.05	7.79	6.00
15/01/2013	ME	THB1	14:59:44	B	3.8	131.4	0.15	17.42	32.66	114.38	9.00	3.09	7.80	5.20
15/01/2013	ME	THB1	15:01:12	S	1.0	102.8	0.49	17.42	32.66	114.61	9.02	2.88	7.80	5.80
15/01/2013	ME	THB2	14:20:50	M	1.5	0.0	0.00	17.45	32.60	114.83	9.04	6.56	7.91	8.10
15/01/2013	ME	THB2	14:23:02	M	1.5	0.0	0.00	17.46	32.60	114.98	9.05	6.10	7.91	7.70
15/01/2013	ME	THB2	14:25:02	M	1.5	0.0	0.00	17.47	32.60	115.36	9.08	6.02	7.91	8.00
15/01/2013	ME	WSR45C	15:19:44	B	12.8	171.7	0.19	17.53	32.75	99.42	7.80	3.74	7.72	6.70
15/01/2013	ME	WSR45C	15:21:16	M	6.9	125.1	0.13	17.52	32.72	101.05	7.94	3.18	7.74	5.10
15/01/2013	ME	WSR45C	15:22:52	S	1.0	86.4	0.77	17.52	32.72	101.68	7.98	3.06	7.74	4.80
15/01/2013	ME	WSR45C												