

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)
31/12/2012	MF	DS1	08:22:45	B	4.0	256.1	0.57	17.75	32.11	95.22	7.47	12.24	8.07	11.20
31/12/2012	MF	DS1	08:24:49	M	2.5	175.5	0.76	17.74	32.09	94.45	7.41	11.51	8.09	11.50
31/12/2012	MF	DS1	08:26:41	S	1.0	138.6	0.66	17.74	32.08	94.38	7.41	10.15	8.09	13.20
31/12/2012	MF	DS1	08:28:33	B	4.0	53.4	0.23	17.75	32.08	94.07	7.38	10.90	8.09	11.90
31/12/2012	MF	DS1	08:30:09	M	2.5	142.4	0.53	17.76	32.07	94.03	7.38	9.74	8.08	11.40
31/12/2012	MF	DS1	08:31:45	S	1.0	13.8	0.64	17.76	32.07	94.13	7.39	10.04	8.08	12.90
31/12/2012	MF	DS1	08:33:25	B	4.0	280.1	0.55	17.77	32.07	93.83	7.36	10.93	8.08	12.80
31/12/2012	MF	DS1	08:35:01	M	2.5	260.5	0.70	17.77	32.06	93.85	7.37	10.70	8.08	13.50
31/12/2012	MF	DS1	08:36:49	S	1.0	315.9	0.49	17.77	32.05	94.02	7.38	9.23	8.08	12.30
31/12/2012	MF	DS2	08:43:09	B	3.0	306.2	0.25	17.74	32.05	95.54	7.50	10.04	8.06	11.10
31/12/2012	MF	DS2	08:44:57	S	1.0	201.0	0.44	17.73	32.05	94.28	7.40	8.42	8.07	12.80
31/12/2012	MF	DS2	08:46:53	B	3.0	273.1	0.51	17.74	32.05	93.94	7.38	8.73	8.07	11.30
31/12/2012	MF	DS2	08:48:37	S	1.0	230.5	0.17	17.73	32.05	94.05	7.39	7.99	8.07	10.90
31/12/2012	MF	DS2	08:50:29	B	3.0	276.4	0.31	17.75	32.04	93.82	7.37	8.83	8.07	12.00
31/12/2012	MF	DS2	08:52:21	S	1.0	284.6	0.64	17.75	32.03	93.93	7.37	9.03	8.06	11.20
31/12/2012	MF	DS3	08:58:41	B	4.0	284.6	0.34	17.72	32.04	95.47	7.50	9.46	8.04	10.70
31/12/2012	MF	DS3	09:00:13	M	2.5	181.7	0.65	17.72	32.04	94.05	7.39	9.76	8.05	14.20
31/12/2012	MF	DS3	09:01:45	S	1.0	300.6	0.87	17.71	32.04	94.05	7.39	9.46	8.06	11.70
31/12/2012	MF	DS3	09:04:57	B	4.0	307.7	0.15	17.71	32.04	93.64	7.36	8.78	8.06	11.10
31/12/2012	MF	DS3	09:06:29	M	2.5	235.9	0.86	17.70	32.04	93.76	7.37	8.35	8.06	13.40
31/12/2012	MF	DS3	09:08:13	S	1.0	306.2	0.25	17.68	32.04	93.86	7.38	8.10	8.06	11.30
31/12/2012	MF	DS3	09:10:05	B	4.0	201.0	0.44	17.70	32.04	93.64	7.36	9.46	8.05	11.50
31/12/2012	MF	DS3	09:11:45	M	2.5	273.1	0.51	17.71	32.04	93.74	7.37	10.01	8.05	13.30
31/12/2012	MF	DS3	09:13:21	S	1.0	230.5	0.17	17.70	32.04	93.94	7.38	9.47	8.05	11.70
31/12/2012	MF	DS4	09:26:25	B	2.0	327.6	0.58	17.31	32.09	93.76	7.42	14.87	8.05	16.20
31/12/2012	MF	DS4	09:27:57	S	1.0	342.9	0.54	17.49	32.12	93.88	7.40	11.04	8.05	12.10
31/12/2012	MF	DS4	09:29:49	B	2.0	67.2	0.74	17.37	32.11	93.82	7.42	14.12	8.05	16.10
31/12/2012	MF	DS4	09:31:21	S	1.0	284.3	0.49	17.53	32.12	93.87	7.40	10.56	8.05	11.70
31/12/2012	MF	DS4	09:34:33	B	2.0	227.0	0.84	17.33	32.10	93.94	7.43	12.48	8.04	17.30
31/12/2012	MF	DS4	09:36:05	S	1.0	327.2	0.92	17.47	32.11	93.84	7.40	12.12	8.04	12.50
31/12/2012	MF	DS5	09:43:49	M	1.0	155.8	0.31	17.02	32.02	95.69	7.62	10.56	8.03	13.40
31/12/2012	MF	DS5	09:45:37	M	1.0	341.2	0.64	17.30	32.01	95.32	7.59	10.59	8.03	12.80
31/12/2012	MF	DS5	09:47:21	M	1.0	297.2	0.72	17.04	32.02	94.99	7.56	12.80	8.03	13.10
31/12/2012	MF	US1	10:18:09	B	7.0	52.1	0.50	18.23	32.50	94.11	7.30	12.65	7.99	11.90
31/12/2012	MF	US1	10:19:45	M	4.0	256.9	0.20	18.31	32.50	92.53	7.17	9.37	8.00	13.60
31/12/2012	MF	US1	10:22:17	S	1.0	283.9	0.52	18.39	32.50	92.36	7.14	5.71	8.01	8.00
31/12/2012	MF	US1	10:24:05	B	7.0	297.9	0.26	18.28	32.50	91.59	7.10	12.58	8.01	10.70
31/12/2012	MF	US1	10:25:53	M	4.0	233.0	0.69	18.30	32.51	91.73	7.11	8.57	8.01	12.80
31/12/2012	MF	US1	10:27:37	S	1.0	335.4	0.27	18.40	32.50	92.20	7.13	5.30	8.02	8.30
31/12/2012	MF	US1	10:29:37	B	7.0	297.9	0.26	18.28	32.51	91.43	7.09	10.27	8.01	11.90
31/12/2012	MF	US1	10:31:17	M	4.0	233.0	0.69	18.30	32.51	91.64	7.10	7.63	8.01	13.00
31/12/2012	MF	US1	10:33:05	S	1.0	335.4	0.27	18.39	32.50	92.24	7.13	5.10	8.02	8.30
31/12/2012	MF	US2	10:39:01	B	9.0	322.4	0.28	18.68	32.69	91.47	7.03	14.04	8.01	13.70
31/12/2012	MF	US2	10:40:57	M	5.0	155.8	0.31	18.71	32.70	90.73	6.97	9.10	8.01	10.50
31/12/2012	MF	US2	10:42:53	S	1.0	341.2	0.64	18.75	32.70	91.09	6.99	6.68	8.02	12.00
31/12/2012	MF	US2	10:44:49	B	9.0	297.2	0.72	18.72	32.71	90.27	6.93	13.38	8.01	14.00
31/12/2012	MF	US2	10:46:41	M	5.0	234.9	0.24	18.73	32.72	90.40	6.94	9.54	8.01	10.80
31/12/2012	MF	US2	10:48:21	S	1.0	231.5	0.54	18.79	32.71	91.01	6.98	6.28	8.02	11.30
31/12/2012	MF	US2	10:50:25	B	9.0	258.0	1.21	18.73	32.72	90.07	6.91	12.09	8.01	12.80
31/12/2012	MF	US2	10:52:49	M	5.0	272.3	0.17	18.74	32.72	90.30	6.93	8.72	8.01	11.00
31/12/2012	MF	US2	10:54:36	S	1.0	304.3	0.43	18.78	32.72	90.85	6.97	6.52	8.01	12.30
31/12/2012	MF	MW1	08:17:00	B	18.6	320.5	0.16	19.53	33.60	104.55	7.86	6.08	7.92	8.20
31/12/2012	MF	MW1	08:18:52	M	9.8	318.8	0.52	19.52	33.60	103.95	7.82	5.48	7.97	8.20
31/12/2012	MF	MW1	08:20:37	S	1.0	347.0	0.24	19.51	33.60	104.91	7.89	4.78	8.00	8.40
31/12/2012	MF	MW1	08:22:24	B	18.6	282.7	0.36	19.53	33.60	103.80	7.81	5.79	8.01	7.80
31/12/2012	MF	MW1	08:24:25	M	9.8	256.8	0.81	19.52	33.59	103.68	7.80	5.62	8.02	8.00
31/12/2012	MF	MW1	08:26:12	S	1.0	346.5	0.87	19.48	33.59	104.60	7.88	4.80	8.01	8.00
31/12/2012	MF	MW1	08:28:04	B	18.6	279.3	0.62	19.52	33.59	103.52	7.79	5.54	8.01	7.80
31/12/2012	MF	MW1	08:29:52	M	9.8	282.7	0.37	19.51	33.59	103.35	7.78	5.65	8.01	8.40
31/12/2012	MF	MW1	08:31:52	S	1.0	290.6	1.17	19.50	33.58	104.33	7.85	5.18	8.00	8.90
31/12/2012	MF	THB1	09:43:16	B	3.6	346.5	0.47	17.07	32.59	102.15	8.10	10.35	7.87	13.10
31/12/2012	MF	THB1	09:44:44	S	1.0	289.3	0.42	17.07	32.60	101.47	8.04	10.04	7.95	12.60
31/12/2012	MF	THB1	09:46:16	B	3.6	244.4	0.39	17.07	32.61	101.14	8.02	10.05	7.99	13.60
31/12/2012	MF	THB1	09:47:50	S	1.0	333.2	0.21	17.05	32.60	101.04	8.01	9.07	8.01	13.20
31/12/2012	MF	THB1	09:55:53	B	3.6	13.3	0.54	17.11	32.62	100.93	7.99	12.32	8.02	14.30
31/12/2012	MF	THB1	09:57:29	S	1.0	337.3	0.21	17.11	32.62	101.10	8.01	11.03	8.03	15.40
31/12/2012	MF	THB2	09:21:04	M	1.0	0.0	0.00	16.30	31.92	90.65	7.32	6.25	8.29	7.30
31/12/2012	MF	THB2	09:22:29	M	1.0	0.0	0.00	16.29	31.91	90.57	7.32	6.12	8.29	7.00
31/12/2012	MF	THB2	09:24:01	M	1.0	0.0	0.00	16.30	31.92	90.46	7.31	6.07	8.28	7.60
31/12/2012	MF	WSR45C	09:05:20	B	12.5	18.5	0.76	18.18	33.06	102.73	7.95	9.89	7.91	15.70
31/12/2012	MF	WSR45C	09:07:04	M	6.8	17.4	0.47	18.41	33.14	102.08	7.86	7.68	7.99	13.90
31/12/2012	MF	WSR45C	09:08:44	S	1.0	270.0	0.07	18.49	33.17	101.89	7.84	7.68	8.02	10.00
31/12/2012	MF	WSR45C	09:13:40	B	12.5	78.3	0.12	18.55	33.16	101.89	7.83	10.33	7.99	15.30
31/12/2012	MF	WSR45C	09:16:00	M	6.8	333.2	0.21	18.58	33.17	101.21	7.77	9.23	8.02	13.60
31/12/2012	MF	WSR45C	09:17:34	S	1.0	13.3	0.54	18.58	33.17	101.65	7.80	8.44	8.03	10.00
31/12/2012	MF	WSR45C	09:21:37	B	12.5	64.7	0.34	18.61	33.18	101.84	7.81	11.39	7.98	14.80
31/12/2012	MF	WSR45C	09:23:32	M	6.8	126.3	0.04	18.62	33.18	101.05	7.75	9.42	8.00	14.50
31/12/2012	MF	WSR45C	09:25:08	S	1.0	238.8	0.08	18.62	33.18	101.39	7.78	8.33	8.01	10.10
31/12/2012	MF	WSR46	10:40:57	S	1.0	244.4	0.39	18.61	33.05	100.15	7.69	7.29	8.08	11.80
31/12/2012	MF	WSR46	10:24:09	B	9.6	202.7	0.44	18.54	33.10	100.90	7.75	16.92	7.96	35.14
31/12/2012	MF	WSR46	10:25:45	M	5.3	249.4	0.36	18.55	33.11	100.02	7.69	8.59	8.03	25.57
31/12/2012	MF	WSR46	10:27:20	S	1.0	277.0	0.31	18.56	33.11	100.09	7.69	8.25	8.07	11.80
31/12/2012	MF	WSR46	10:37:32	B	9.6	243.4	0.47	18.55	33.10	100.00	7.68	16.82	8.06	24.86
31/12/2012	MF	WSR46	1											

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)
31/12/2012	ME	DS1	13:20:11	S	1.0	60.2	0.24	19.16	32.88	92.90	7.07	4.80	8.04	7.10
31/12/2012	ME	DS1	13:11:45	B	6.0	51.2	0.52	19.31	32.99	96.43	7.31	5.27	8.00	7.20
31/12/2012	ME	DS1	13:13:19	M	3.5	188.2	0.45	19.14	32.91	93.49	7.11	4.92	8.02	8.80
31/12/2012	ME	DS1	13:15:11	S	1.0	330.4	0.69	19.15	32.89	93.22	7.09	4.81	8.03	7.50
31/12/2012	ME	DS1	13:16:59	B	6.0	12.8	0.39	19.21	32.94	92.38	7.02	5.25	8.04	7.10
31/12/2012	ME	DS1	13:18:31	M	3.5	329.8	0.34	19.10	32.90	92.13	7.01	5.21	8.04	8.40
31/12/2012	ME	DS1	13:21:59	B	6.0	312.8	0.57	19.13	32.89	92.14	7.01	4.90	8.05	7.40
31/12/2012	ME	DS1	13:23:31	M	3.5	348.8	0.38	18.90	32.81	92.05	7.04	5.06	8.04	8.00
31/12/2012	ME	DS1	13:25:15	S	1.0	291.1	0.99	18.91	32.77	92.91	7.10	4.71	8.03	6.70
31/12/2012	ME	DS2	13:31:11	B	7.0	327.3	0.12	19.37	33.00	93.30	7.06	4.71	8.05	6.80
31/12/2012	ME	DS2	13:32:57	M	4.0	264.2	0.15	18.98	32.84	92.37	7.05	4.64	8.04	7.10
31/12/2012	ME	DS2	13:34:51	S	1.0	267.6	0.60	19.05	32.74	94.09	7.18	4.34	8.02	6.70
31/12/2012	ME	DS2	13:36:55	B	7.0	137.4	0.35	19.33	32.97	92.32	7.00	4.62	8.05	6.90
31/12/2012	ME	DS2	13:38:31	M	4.0	296.7	0.26	19.15	32.88	92.72	7.05	4.26	8.04	6.80
31/12/2012	ME	DS2	13:40:15	S	1.0	287.1	0.34	19.06	32.73	93.98	7.17	4.53	8.02	6.50
31/12/2012	ME	DS2	13:41:59	B	7.0	278.7	0.56	19.37	33.00	92.18	6.98	4.64	8.05	7.20
31/12/2012	ME	DS2	13:43:35	M	4.0	332.9	0.20	19.01	32.84	92.42	7.05	4.61	8.03	6.90
31/12/2012	ME	DS2	13:45:23	S	1.0	232.5	0.98	19.05	32.74	94.07	7.18	4.24	8.02	7.00
31/12/2012	ME	DS3	13:51:47	B	8.0	290.8	0.49	19.19	32.92	92.72	7.05	4.64	8.01	6.70
31/12/2012	ME	DS3	13:53:27	M	4.5	279.4	0.38	19.24	32.93	92.35	7.01	3.80	8.03	6.40
31/12/2012	ME	DS3	13:56:27	S	1.0	81.4	0.46	19.40	32.87	93.98	7.12	3.55	8.02	5.80
31/12/2012	ME	DS3	13:58:11	B	8.0	300.2	0.24	19.10	32.89	91.97	7.00	4.24	8.02	6.40
31/12/2012	ME	DS3	14:00:29	M	4.5	217.9	0.28	19.06	32.87	92.16	7.02	3.81	8.02	6.20
31/12/2012	ME	DS3	14:02:11	S	1.0	296.7	0.26	19.15	32.77	93.95	7.15	4.09	8.02	6.00
31/12/2012	ME	DS3	14:04:03	B	8.0	287.1	0.34	19.09	32.90	91.65	6.98	4.52	8.02	6.70
31/12/2012	ME	DS3	14:05:39	M	4.5	278.7	0.56	19.06	32.87	92.35	7.04	3.67	8.02	6.50
31/12/2012	ME	DS3	14:07:27	S	1.0	332.9	0.20	19.09	32.74	93.92	7.16	4.29	8.01	5.90
31/12/2012	ME	DS4	14:13:35	B	8.0	249.5	0.49	19.28	32.98	93.20	7.07	3.63	8.01	7.20
31/12/2012	ME	DS4	14:15:11	M	4.5	141.8	0.12	19.32	32.99	93.04	7.05	3.10	8.03	5.90
31/12/2012	ME	DS4	14:16:59	S	1.0	292.0	0.37	19.48	32.97	94.31	7.13	2.67	8.04	5.60
31/12/2012	ME	DS4	14:18:47	B	8.0	325.8	0.54	19.34	33.00	92.27	6.99	3.55	8.04	7.00
31/12/2012	ME	DS4	14:20:35	M	4.5	259.5	0.40	19.31	32.98	93.04	7.05	3.16	8.04	5.80
31/12/2012	ME	DS4	14:22:23	S	1.0	246.5	0.54	19.47	32.97	94.36	7.13	2.63	8.03	5.80
31/12/2012	ME	DS4	14:24:19	B	8.0	305.4	0.61	19.28	33.02	92.47	7.00	3.60	8.03	6.70
31/12/2012	ME	DS4	14:26:03	M	4.5	285.4	0.26	19.35	32.99	93.15	7.06	3.35	8.03	5.60
31/12/2012	ME	DS4	14:27:45	S	1.0	282.5	0.01	19.55	32.99	94.33	7.12	2.62	8.03	5.60
31/12/2012	ME	DS5	14:33:35	B	4.0	46.2	0.25	19.22	32.91	94.90	7.21	3.28	7.99	5.90
31/12/2012	ME	DS5	14:35:09	M	2.5	244.8	0.17	19.31	32.95	93.13	7.06	3.32	8.01	5.90
31/12/2012	ME	DS5	14:36:55	S	1.0	162.0	0.04	19.40	32.90	94.30	7.14	2.87	8.01	5.40
31/12/2012	ME	DS5	14:38:52	B	4.0	316.7	0.27	19.26	32.94	92.75	7.04	3.46	8.02	5.80
31/12/2012	ME	DS5	14:40:27	M	2.5	318.4	0.33	19.25	32.93	92.93	7.06	3.09	8.02	5.70
31/12/2012	ME	DS5	14:42:19	S	1.0	250.9	0.33	19.38	32.90	94.23	7.14	2.83	8.02	5.50
31/12/2012	ME	DS5	14:44:11	B	4.0	243.3	0.31	19.19	32.92	93.02	7.07	3.65	8.01	5.70
31/12/2012	ME	DS5	14:45:47	M	2.5	19.8	0.56	19.32	32.96	92.99	7.05	3.27	8.02	5.80
31/12/2012	ME	DS5	14:47:27	S	1.0	37.9	0.07	19.27	32.94	94.21	7.12	2.71	8.01	5.20
31/12/2012	ME	US1	15:03:44	B	4.0	337.0	0.56	18.22	32.42	98.44	7.64	7.98	7.95	9.30
31/12/2012	ME	US1	15:05:24	M	2.5	345.7	0.05	18.24	32.41	95.96	7.45	7.29	7.97	11.50
31/12/2012	ME	US1	15:07:09	S	1.0	178.0	0.36	18.29	32.40	95.99	7.44	6.21	7.97	10.00
31/12/2012	ME	US1	15:09:04	B	4.0	146.0	0.28	18.23	32.42	95.42	7.41	7.79	7.98	9.50
31/12/2012	ME	US1	15:10:31	M	2.5	240.4	0.20	18.24	32.42	95.49	7.41	8.60	7.97	11.80
31/12/2012	ME	US1	15:13:32	S	1.0	298.4	0.45	18.30	32.41	96.09	7.45	6.58	7.97	9.70
31/12/2012	ME	US1	15:15:32	B	4.0	259.9	0.85	18.24	32.42	95.57	7.42	8.56	7.97	9.80
31/12/2012	ME	US1	15:17:07	M	2.5	201.1	0.44	18.27	32.42	96.02	7.45	7.69	7.97	10.70
31/12/2012	ME	US1	15:18:55	S	1.0	253.2	0.21	18.24	32.40	96.33	7.48	6.31	7.97	10.30
31/12/2012	ME	US2	15:24:23	B	5.0	240.0	0.57	18.21	32.37	97.24	7.55	8.10	7.94	9.10
31/12/2012	ME	US2	15:26:03	M	3.0	325.8	0.54	18.19	32.36	96.12	7.47	8.11	7.96	10.90
31/12/2012	ME	US2	15:27:54	S	1.0	259.5	0.40	18.18	32.36	96.19	7.48	8.16	7.97	9.10
31/12/2012	ME	US2	15:29:44	B	5.0	246.5	0.54	18.21	32.37	95.89	7.45	7.87	7.97	9.40
31/12/2012	ME	US2	15:31:32	M	3.0	305.4	0.61	18.19	32.36	96.08	7.47	8.25	7.97	11.00
31/12/2012	ME	US2	15:33:58	S	1.0	285.4	0.26	18.13	32.35	96.28	7.49	8.60	7.97	10.30
31/12/2012	ME	US2	15:35:38	B	5.0	282.5	0.01	18.14	32.35	95.86	7.46	9.04	7.96	9.80
31/12/2012	ME	US2	15:37:22	M	3.0	279.1	0.41	18.12	32.34	96.02	7.47	8.31	7.96	10.90
31/12/2012	ME	US2	15:39:20	S	1.0	325.8	0.40	18.12	32.36	96.32	7.49	8.48	7.96	10.10
31/12/2012	ME	MW1	15:32:32	B	19.6	337.9	0.37	19.53	33.49	99.29	7.47	3.99	7.99	6.30
31/12/2012	ME	MW1	15:34:24	M	10.3	5.8	0.31	19.55	33.49	98.17	7.39	5.30	8.00	8.60
31/12/2012	ME	MW1	15:36:16	S	1.0	147.1	0.23	19.55	33.49	98.64	7.42	4.61	8.01	7.70
31/12/2012	ME	MW1	15:38:24	B	19.6	40.4	0.15	19.54	33.49	97.38	7.33	4.69	8.01	6.60
31/12/2012	ME	MW1	15:40:20	M	10.3	179.6	0.31	19.54	33.49	97.72	7.35	4.59	8.02	8.30
31/12/2012	ME	MW1	15:42:08	S	1.0	143.8	0.23	19.54	33.49	98.31	7.40	4.29	8.02	7.90
31/12/2012	ME	MW1	15:44:04	B	19.6	283.3	0.11	19.54	33.49	98.03	7.38	4.76	8.03	7.00
31/12/2012	ME	MW1	15:45:50	M	10.3	265.6	0.33	19.54	33.49	98.04	7.38	5.08	8.03	8.10
31/12/2012	ME	MW1	15:47:40	S	1.0	70.1	0.41	19.54	33.50	98.14	7.39	4.45	8.04	8.20
31/12/2012	ME	THB1	14:15:16	B	3.6	19.8	0.21	17.19	32.48	100.53	7.96	6.27	7.82	8.80
31/12/2012	ME	THB1	14:16:48	S	1.0	68.6	0.62	18.32	32.60	103.49	8.01	7.59	7.85	8.60
31/12/2012	ME	THB1	14:18:16	B	3.6	30.7	0.22	17.39	32.48	100.68	7.94	5.75	7.86	9.10
31/12/2012	ME	THB1	14:19:44	S	1.0	356.4	0.21	18.16	32.58	103.01	8.00	6.95	7.88	8.90
31/12/2012	ME	THB1	14:21:13	B	3.6	24.5	0.08	17.76	32.53	102.07	7.99	6.34	7.88	9.30
31/12/2012	ME	THB1	14:22:44	S	1.0	171.6	0.27	17.82	32.52	102.32	8.00	6.20	7.88	8.40
31/12/2012	ME	THB2	13:14:52	M	1.5	0.0	0.00	16.55	31.86	91.55	7.36	10.60	7.86	8.50
31/12/2012	ME	THB2	13:16:14	M	1.5	0.0	0.00	16.55	31.86	91.73	7.38	9.96	7.88	8.40
31/12/2012	ME	THB2	13:17:36	M	1.5	0.0	0.00	16.55	31.86	91.75	7.38	9.50	7.88	7.90
31/12/2012	ME	WSR45C	14:42:00	B	12.8	345.9	0.29	19.49	33.49	99.70	7.51	2.55	7.99	4.80
31/12/2012	ME	WSR45C	14:44:08	M	6.9	356.5	0.28	19.53	33.49	99.62	7.50	2.23	7.99	5.00
31/12/2012	ME	WSR45C	14:45:48	S	1.0	68.8	0.34	19.48	33.37	100.62	7.59	2.12	7.98	4.80
31/12/2012	ME	WSR45C	1											