

June 2011

July

Tow# EX1103-TOW06-110722

Operating Area: 4a West to 4a East

Julian Day	Time (UTC)	Ship Position 0° Lat.	Ship Position 85° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
204	013111	46.1732	54.7707	—	—	—	—	Surface
204	021544	46.1751	54.7691	2550.7769	2552.73	18.657	100	
204	021837	46.1743	54.7666	2466.446	2465.83	101.245	NAN	
204	022114	46.1705	54.7534	2549.7987	2551.88	20.269	103	
204	022331	46.1686	54.7396	2464.9345	2467.28	101.832	NAN	
204	022614	46.1683	54.7198	2549.2782	2553.3	20.073	143	
204	022843	46.1660	54.7034	2464.9980	2470.17	100.904	160	
204	023124	46.1642	54.6806	2551.7768	2557.52	19.731	171	
204	023344	46.1637	54.6612	2463.3398	2472.55	100.904	213	
204	023635	46.1603	54.6376	2549.367	2560.2	18.999	235	
204	023908	46.1595	54.6185	2460.58	2471.27	100.01	NAN	
204	024204	46.1588	54.5995	2544.07	2555.65	18.413	243	
204	024456	46.1562	54.5795	2457.64	2470	101.104	253	
204	024735	46.1542	54.5619	2540.	2553	16.75	257	ORP CSS spike
204	025049	46.1541	54.5420	2447	2460	100.52	253	ORP LSS spike

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Tow# EX1103 - TOW06 - 110722Operating Area: Between 44E & 44W

Julian Day	Time (UTC)	Ship Position <u>0</u> ° Lat.	Ship Position <u>85</u> ° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
204	025343	46.1516	54.5215	2534	2548	20.073	267	Large CRP & LGS spire
204	025629	46.150	54.502	2450	2466	100.8	280	
204	030003	46.1484	54.4800	2543.066	2558.1	19.585	277	
204	030219	46.1470	54.4648	2459	2475	102.077	281	
204	030502	46.1454	54.4482	2550	2567	18.217	295	
204	030721	46.1437	54.4319	2468	2485	103.004	290	
204	031002	46.1423	54.4146	2560	2579	18.315	312	
204	031233	46.1413	54.3974	2468.85	2485.72	101.88	289	
204	031509	46.1397	54.3795	2553.758	2572.65	17.680	311	
204	031736	46.1382	54.3632	2459.1393	2478.73	101.832	311	
204	031952	46.1370	54.3476	2544.948	2564.38	18.657	315	
204	032226	46.1348	54.3320	2460.8383	2474.55	101.343	304	
204	032554	46.1338	54.3082	2546.072	2566.9	20.317	326	
204	032822	46.1320	54.2921	2456.2528	2477.58	101.538	324	

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Tow# EX 1103 - TOW 16 - 110722Operating Area: 4aW to 4aE

Julian Day	Time (UTC)	Ship Position <u>0</u> ° Lat.	Ship Position <u>85</u> ° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
204	033119	46.1312	54.2713	2548.17	2567.8	20.122	317	
204	033353	46.1288	54.2551	2463.128	2484.55	101.343	326	
204	033642	46.1276	54.2362	2558.7434	2581.35	19.341	341	
204	033923	46.1262	54.2193	2470.4363	2492.3	108.004	329	
204	034154	46.1250	54.2013	2564.190	2583.12	18.501	312	
204	034538	46.1223	54.1771	2479.999	2501.52	102.076	327	
204	034821	46.1215	54.1592	2565.6282	2588.87	19.585	346	
204	035111	46.1195	54.1412	2479.97	2502.9	101.587	338	
204	035346	46.1172	54.1238	2568.82	2591.32	18.657	341	
204	035608	46.1170	54.1082	2480.360	2503.57	101.636	340	
204	035836	46.1148	54.0908	2568.38	2592.08	19.829	350	
204	040129	46.1129	54.07121	2469	2492	101.587	338	
204	040419	46.1116	54.0531	2560	2584	18.01	351	
204	040708	46.1100	54.0346	2466	2491	100.855	352	
204	040956	46.1078	54.0165	2566	2589	14.65	344	

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Tow# EX1103 - Tow # 6 - 110722Operating Area: 4aW to 4aE

Julian Day	Time (UTC)	Ship Position <u>0</u> ° Lat.	Ship Position <u>-85</u> ° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
204	041221	46.1079	54.000	2477	2501	101.60	346	
204	041508	46.1062	53.980	2571	2596	20.410	359	
204	041722	46.1050	53.9671	2485	2508	101.538	339	
204	042000	46.1041	53.9507	2577	2601	19.538	353	
204	042307	46.1021	53.9298	2489	2513	102.173	346	
204	042533	46.0990	53.9135	2574	2598	22.173	352	
204	042759	46.0992	53.8975	2490.298	2513.88	101.880	345	
204	043045	46.09778	53.8788	2572.5512	2598.23	20.220	364	
204	043333	46.0947	53.8590	2487.3927	2512.4	98.999	354	
204	043604	46.0934	53.8432	2572.7955	2597.93	20.269	361	
204	043844	46.0929	53.8262	2482.1348	2507.47	101.294	356	
204	044141	46.0905	53.8065	2578.9798	2605.43	19.145	370	
204	044432	46.0882	53.7873	2488.15	2513.67	101.49	357	
204	044732	46.0875	53.7672	2576.22	2602.4	18.514	368	

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Tow# EX1103L2-TOW06-110722Operating Area: 4A West to 4A East

Julian Day	Time (UTC)	Ship Position <u>0</u> ° Lat.	Ship Position <u>85</u> ° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
204	045045	46.0870	53.7460	2490.7741	2516.37	100.122	358	
204	045330	46.0858	53.7277	2572.3824	2598.63	19.341	368	
204	045613	46.0831	53.7096	2486.9444	2511.65	101.050	351	
204	045900	46.0802	53.6912	2572.9281	2599.15	21.050	368	
204	050127	46.0788	53.6745	2490.1125	2516.4	98.462	363	
204	050357	46.0796	53.6580	2570.1730	2596.5	17.338	369	
204	050702	46.0771	53.6382	2481.4087	2506.58	100.024	354	
204	050935	46.0743	53.6212	2564.2051	2590.77	19.438	370	
204	051347	46.07370	53.5931	2378.7862	2464.07	200	348	
204	055527	46.0540	53.3174	surface	—	—	—	surface