

~~June 2011~~

July 2011

Tow# EX110312-TOW05-110721Operating Area: 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
203	00:55:33	46.1941	53.4832	-	-	-	-	Launch
203	01:37:53	46.1910	53.4828	2481.67	2476.03	19.194	NA	
203	01:40:43	46.1898	53.5334	2396.37	2389.35	103.004	NA	
203	01:43:27	46.1669	53.4846	2484.24	2477.93	19.878	NA	
203	01:45:51	46.1483	53.4865	2399.34	2393.88	99.731	NA	
203	01:49:11	46.1188	53.4916	2508.38	2504.97	19.585	NA	
203	01:52:19	46.0931	53.4937	2434.45	2430.8	99.96	NA	
203	01:55:27	46.0659	53.4968	2549.76	2548.17	20.562	NA	
203	01:58:11	46.0441	53.4996	2475.23	2473.63	100.262	NA	
203	02:01:08	46.0187	53.5015	2567.96	2569.38	18.657	85	
203	2:03:59	45.9960	53.5039	2480.859	2482.23	100.855	82	
203	2:07:06	45.9699	53.5057	2569.79	2573.08	17.973	130	
203	2:09:35	45.9480	53.5156	2487.637	2492.77	102.613	160	
203	2:12:13	45.9268	53.5081	2584.050	2590.15	18.217	178	
203	2:14:33	45.9082	53.5109	2497.019	2504.8	101.297	197	

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Tow# EX110312-TOW05-110721Operating Area: 4d 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
203	2:17:17	45.8854	53.5132	2585.854	2594.72	17.436	220	
203	2:19:32	45.8660	53.5140	2499.690	2508.23	100.317	207	
203	2:22:12	45.8445	53.5163	2587.503	2599.35	18.901	248	
203	2:24:55	45.8200	53.5177	2497.439	2509.45	101.197	245	
203	2:27:59	45.7961	53.5207	2595.4347	2607.4	19.585	250	
203	2:36:07	45.7554	53.5262	2193.9201	2199.85	185	161	At 220m depth for transit to next tow-yo line.
203	2:44:46	45.7565	53.5254	2201.7101	2202.78	180	69	Resuming yo (a lot of altimeter noise)
203	2:50:53	45.7600	53.5475	2534.7817	2529.13	19.096	NAN	← line settled out from being stopped.
203	2:53:02	45.7638	53.5538	2447.4131	2440.83	102.662	NAN	
203	2:55:43	45.7657	53.5621	2535.4130	2528.97	20.562	NAN	
203	2:58:09	45.7700	53.5687	2451.3030	2444.18	101.490	NAN	
203	3:00:50	45.7735	53.5773	2539.1281	2532.8	18.852	NAN	
203	3:03:33	45.7773	53.5857	2457.9	2452.72	101.099	NAN	
203	3:05:18	45.7791	53.5908	2541.67	2535.33	19.145	NAN	

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Tow# EX 1103L2-TOW05-110721Operating Area: 4a east

Julian Day	Time (UTC)	Ship Position ____° Lat.	Ship Position ____° Long.	CTD Depth	Wire Out (or range)	Altitude	Setback	Comments
203	030800	45.7852	53.5989	2452.7691	2446.73	101.215	NAN	
203	031037	45.7848	53.6057	2537.9929	2531.47	19.829	NAN	
203	031321	45.7964	53.6084	2451.1469	2444.25	100.708	NAN	
203	031558	45.7939	53.6033	2535.4260	2529.12	19.145	NAN	
203	031839	45.7932	53.6001	2448.3844	2440.87	101.343	NAN	
203	032119	45.8003	53.6005	2532.1083	2525.55	19.927	NAN	
203	032404	45.8171	53.5991	2445.6223	2440.22	100.220	NAN	
203	032713	45.8364	53.5978	2537.0624	2532.38	17.387	NAN	
203	033006	45.8636	53.5976	2448.2201	2446.03	103.248	NAN	
203	033325	45.8903	53.5953	2540.6045	2539.77	18.413	NAN	
203	033621	45.9167	53.5960	2450.0040	2452.93	102.711	120	
203	033928	45.9421	53.5952	2539.4837	2544.48	20.611	159	
203	034217	45.9642	53.5935	2453.0092	2458.7	101.441	1107	winch accidentally up instead of down
203	034555	45.9950	53.5935	2532.9202	2543.28	17.534	229	
203	034849	46.0204	53.5926	2441.4339	2454.65	101.978	254	

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Tow# EX1103L2 - Tow 05-110721Operating Area: 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
203	035333	46.0597	53.5912	2578.8015	2594.58	20.317	286	Altimeter spiked on way down
203	035609	46.0815	53.5907	2488.1127	2504.03	100.415	282	
203	035839	46.1030	53.5903	2568.3287	2583.55	22.662	280	
203	040123	46.1243	53.5875	2491.4692	2510.42	101.001	308	
203	040430	46.1511	53.5874	2586.4453	2607.87	20.073	334	
203	040708	46.1726	53.5860	2496.5589	2520.08	102.027	344	
203	040951	46.1955	53.5864	2591.5553	2614.35	18.364	344	
203	041435	46.2222	53.5848	2379.8687	2401.6	200	322	Stop to hook up water
203	045624	46.2612	53.5855	-	-	-	-	Surface
203								
203								
203								
203								
203								