

US Wind R/V Shearwater Bathymetric Survey Line Log

<u>Date</u>	<u>SOL Time (UTC)</u>	<u>EOL Time (UTC)</u>	<u>Line Number</u>	<u>Survey Speed (kts.)</u>	<u>Line Direction (degrees)</u>	<u>SOL Event (100 meter events)</u>	<u>EOL Event (100 meter events)</u>	<u>Towfish Ht SOL (meters)</u>	<u>Towfish Ht EOL (meters)</u>	<u>QINSy File Name</u>
6/6/15	19:08	19:13	MBE 1	4.4	180	N/a	N/a	N/a	N/a	0035-MBE 1-0001
6/6/15	19:17	19:22	MBE 3	4.3	0	N/a	N/a	N/a	N/a	0036-MBE 3-0001
6/6/15	19:25	19:30	MBE 2	4.3	180	N/a	N/a	N/a	N/a	0037-MBE 2-0001
6/6/15	19:33	19:40	MBE 4	4.5	0	N/a	N/a	N/a	N/a	0038-MBE 4-0001
6/6/15	19:41	19:47	MBE 5	4.2	180	N/a	N/a	N/a	N/a	0039-MBE 5-0001
6/6/15	19:50	19:57	MBE 6	4.2	0	N/a	N/a	N/a	N/a	0040-MBE 6-0001
6/6/15	19:58	20:04	MBE 7	4.3	180	N/a	N/a	N/a	N/a	0041-MBE 7-0001
6/6/15	20:07	20:15	MBE 8	4.7	0	N/a	N/a	N/a	N/a	0042-MBE 8-0001
6/6/15	20:16	20:22	MBE 9	4.7	180	N/a	N/a	N/a	N/a	0043-MBE 9-0001
6/6/15	20:24	20:32	MBE 10	4.6	0	N/a	N/a	N/a	N/a	0044-MBE 10-0001
6/6/15	20:33	20:40	MBE 11	4.8	180	N/a	N/a	N/a	N/a	0045-MBE 11-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

US Wind R/V Shearwater Geophysical Survey Line Log

<u>Date</u>	<u>SOL Time (UTC)</u>	<u>EOL Time (UTC)</u>	<u>Line Number</u>	<u>Survey Speed (kts.)</u>	<u>Line Direction (degrees)</u>	<u>SOL Event (100 meter events)</u>	<u>EOL Event (100 meter events)</u>	<u>Towfish Ht SOL (meters)</u>	<u>Towfish Ht EOL (meters)</u>	<u>Qinsy/Hypack File Name</u>
6/6/15	23:22	1:56	208	4.2	180	56299	56498	5.6	4.6	0046-208-MainGeoSurvey-0001
6/7/15	2:00	4:45	204	4	0	56499	56697	5	5	0047-204-MainGeoSurvey-0001
6/7/15	5:02	5:16	207	4.4	180	1	18	6.4	5.5	0048-207-MainGeoSurvey-0001
6/7/15	5:54	7:07	207_2	4.5	180	19	127	5.5	5.5	0049-207-MainGeoSurvey-0001
6/7/15	7:27	8:26	207_3	4.8	180	128	217	5.5	5.5	0050-207-MainGeoSurvey-0001
6/7/15	10:56	12:22	203	4.5	0	218	315	6	6.2	0051-203-MainGeoSurvey-0001
6/7/15	13:46	15:11	203_2	4.15	0	316	432	6	6	0052-203-MainGeoSurvey-0001
6/7/15	15:17	15:28	206	4.28	180	433	446	6.8	6	0053-206-MainGeoSurvey-0001
6/7/15	15:39	17:53	206_2	4.45	180	448	633	5.8	5.1	0054-206-MainGeoSurvey-0001
6/7/15	18:03	20:40	202	4.5	0	634	834	6.2	5.9	0055-202-MainGeoSurvey-0001
6/7/15	20:50	23:13	205	4.38	180	835	1035	5.5	4.5	0056-205-MainGeoSurvey-0001
6/7/15	23:21	1:33	201	4.38	0	1036	1236	5.5	5.5	0057-201-MainGeoSurvey-0001
6/8/15	1:46	4:21	197	4.24	180	1237	1438	5.1	6.2	0058-197-MainGeoSurvey-0001
6/8/15	4:31	5:28	200	4.5	0	1439	1523	6	6	0059-200-MainGeoSurvey-0001
6/8/15	6:16	7:26	200_3	4.8	0	1524	1626	5.5	5.5	0060-200-MainGeoSurvey-0001
6/8/15	7:31	9:41	196	4.6	180	1627	1826	6	5.4	0061-196-MainGeoSurvey-0001
6/8/15	10:00	12:27	199	4.12	0	1827	2026	5.9	5.5	0062-199-MainGeoSurvey-0001
6/8/15	12:36	14:21	194	4.1	180	2027	2154	5.8	5.5	0063-194-MainGeoSurvey-0001
6/8/15	14:31	15:35	194_2	4.8	180	2155	2229	5.8	6	0064-194-MainGeoSurvey-0001
6/8/15	15:41	16:12	198	4.8	0	2230	2272	5.8	6	0065-198-MainGeoSurvey-0001
6/8/15	16:40	18:30	198_2	4.8	0	2272	2444	5.3	5.2	0066-198-MainGeoSurvey-0001
6/10/15	0:54	3:18	192	4.42	180	2478	2678	5.5	4.5	0076-192-MainGeoSurvey-0001
6/10/15	3:26	5:35	195	4.16	0	2679	2879	4.3	5	0077-195-MainGeoSurvey-0001
6/10/15	5:41	8:05	190	4.76	180	2880	3080	5.7	5.5	0078-190-MainGeoSurvey-0001
6/10/15	8:09	10:37	193	4.25	0	3081	3282	5.1	5.5	0079-193-MainGeoSurvey-0001
6/10/15	10:42	12:48	188	4.5	180	3283	3475	5.5	5.5	0080-188-MainGeoSurvey-0001
6/11/15	20:49	21:00	188_2	4.11	180	3476	3489	6.4	5.5	0076-188-MainGeoSurvey-0001
6/11/15	21:03	23:15	183	4.93	0	3490	3691	6.5	5.2	0077-183-MainGeoSurvey-0001
6/11/15	23:20	0:07	186	3.95	180	3692	3753	6.4	5.2	0078-186-MainGeoSurvey-0001
6/12/15	0:36	2:27	186_2	4.52	180	3754	3904	5.4	5.6	0079-186-MainGeoSurvey-0001
6/12/15	2:33	4:55	191	4.22	0	3905	4105	5.2	5.5	0080-191-MainGeoSurvey-0001
6/12/15	5:00	6:12	184	4.43	180	4106	4202	6.3	5	0081-184-MainGeoSurvey-0001
6/12/15	6:21	7:46	184_2	4.25	180	4203	4310	6.5	5.5	0082-184-MainGeoSurvey-0001
6/12/15	7:51	10:02	189	4.5	0	4311	4511	6.5	6	0083-189-MainGeoSurvey-0001
6/12/15	10:07	12:15	182	4.2	180	4512	4678	6.5	6.2	0084-182-MainGeoSurvey-0001
6/12/15	12:27	12:53	182_2	3.75	180	4679	4710	6.8	6.4	0085-182-MainGeoSurvey-0001
6/12/15	13:06	13:13	182_3	4	180	4711	4720	6.7	6.5	0086-182-MainGeoSurvey-0001
6/12/15	13:20	13:56	187	4.05	0	4721	4766	5.9	6.5	0087-187-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

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6/12/15	14:07	14:57	187_2	4.15	0	4767	4832	6.4	6.4	0088-187-MainGeoSurvey-0001
6/12/15	16:52	17:09	187_3	4.2	0	4833	4857	6.2	6.1	0089-187-MainGeoSurvey-0001
6/12/15	19:06	19:58	187_4	4.88	0	4857	4832	7.1	6.2	0090-187-MainGeoSurvey-0001
6/12/15	20:11	23:17	185	3.33	180	4933	5134	6.4	6.1	0091-185-MainGeoSurvey-0001
6/13/15	0:34	2:57	52	4.19	0	5134	5337	5.6	6.1	0092-52-MainGeoSurvey-0001
6/13/15	3:07	5:41	51	4.27	180	5337	5538	6.2	6.2	0093-51-MainGeoSurvey-0001
6/13/15	5:46	5:48	46	3.5	0	5539	5542	6.5	6.5	0094-46-MainGeoSurvey-0001
6/13/15	5:59	8:12	46_2	3.5	0	5543	5742	6.5	6.5	0095-46-MainGeoSurvey-0001
6/13/15	8:16	10:51	49	4.05	180	5743	5943	5.9	5.5	0095-49-MainGeoSurvey-0001
6/13/15	10:56	13:10	44	4.25	0	5944	6144	5.5	5.5	0097-44-MainGeoSurvey-0001
6/13/15	13:14	13:26	50	4.68	180	6145	6162	6	5.5	0098-50-MainGeoSurvey-0001
6/13/15	13:37	15:50	50_2	4.8	180	6163	6350	5.4	5.5	0099-50-MainGeoSurvey-0001
6/13/15	15:55	16:05	42	4.5	0	6351	6362	5.5	5.5	0100-42-MainGeoSurvey-0001
6/13/15	17:25	19:46	42_2	4.08	0	6363	6554	5.9	6.5	0101-42-MainGeoSurvey-0001
6/13/15	19:49	22:27	47	4.26	180	6555	6756	5.2	6.1	0102-47-MainGeoSurvey-0001
6/13/15	22:31	0:38	40	5.3	0	6757	6958	5.5	5.8	0103-40-MainGeoSurvey-0001
6/14/15	5:14	7:31	45	4.77	180	6959	7158	5.8	5.5	0104-45-MainGeoSurvey-0001
6/14/15	7:35	9:34	38	5.33	0	7159	7359	6	5.6	0105-38-MainGeoSurvey-0001
6/14/15	9:39	11:51	43	4.72	180	7360	7560	6.2	5.8	0106-43-MainGeoSurvey-0001
6/14/15	11:56	12:37	48	5.17	0	7562	7625	4.7	5.2	0107-48-MainGeoSurvey-0001
6/14/15	12:47	14:19	48_2	4.74	0	7626	7767	5.7	5.4	0108-48-MainGeoSurvey-0001
6/14/15	14:24	16:02	39	5.7	180	7768	7933	5.4	5.4	0109-39-MainGeoSurvey-0001
6/14/15	16:10	16:32	39_2	5.38	180	7936	7973	5.5	5.1	0110-39-MainGeoSurvey-0001
6/14/15	16:39	17:26	53	5.15	0	7973	8047	5.3	6.1	0111-53-MainGeoSurvey-0001
6/14/15	17:34	18:50	53_2	5.3	0	8047	8180	5.3	5.4	0112-53-MainGeoSurvey-0001
6/14/15	18:56	21:18	41	4.82	180	8181	8383	6.1	6.2	0113-41-MainGeoSurvey-0001
6/14/15	21:21	22:35	37	5.77	0	8384	8516	4.9	5.3	0114-37-MainGeoSurvey-0001
6/14/15	22:54	23:41	37_2	5.37	0	8516	8592	5.9	5.5	0115-37-MainGeoSurvey-0001
6/15/15	0:34	2:38	125	4.88	180	8593	8794	5.9	5.9	0116-125-MainGeoSurvey-0001
6/15/15	2:46	4:35	126	4.57	0	8795	8955	7.1	5.5	0117-126-MainGeoSurvey-0001
6/15/15	4:45	5:15	126_2	4.88	0	8956	9001	5.8	5.5	0118-126-MainGeoSurvey-0001
6/15/15	5:24	5:52	127	5.52	180	9002	9048	6.4	5.5	0119-127-MainGeoSurvey-0001
6/15/15	6:02	7:18	127_2	5	180	9049	9171	6.5	6	0120-127-MainGeoSurvey-0001
6/15/15	7:27	7:44	127_3	5	180	9172	9199	6.5	6.5	0121-127-MainGeoSurvey-0001
6/15/15	7:55	8:04	127_4	4.98	180	9200	9214	6.5	6.5	0122-127-MainGeoSurvey-0001
6/15/15	8:09	10:05	128	5.37	0	9215	9414	5.5	5.4	0123-128-MainGeoSurvey-0001
6/15/15	10:11	11:18	135	4.58	180	9415	9509	5.4	5.6	0124-135-MainGeoSurvey-0001
6/15/15	17:01	18:39	135_2	5.09	180	9510	9666	6.8	6.1	0125-135-MainGeoSurvey-0001
6/15/15	17:01	19:21	140	4.69	0	9510	9722	6.5	6.3	0126-140-MainGeoSurvey-0001
6/15/15	19:32	19:45	140_2	4.09	0	9723	9742	8.1	6.5	0127-140-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

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6/15/15	19:55	22:06	140_3	4.33	0	9743	9923	8.4	6.8	0128-140-MainGeoSurvey-0001
6/16/15	22:11	0:46	133	4.35	180	9924	10174	6.2	6.1	0129-133-MainGeoSurvey-0001
6/16/15	1:25	4:00	138	5.19	0	10175	10425	6.3	6.3	0130-138-MainGeoSurvey-0001
6/16/15	4:10	6:34	131	5.4	180	10426	10675	5.5	5.5	0131-131-MainGeoSurvey-0001
6/16/15	6:39	6:40	136	5	0	10676	10677	5.5	5.5	0132-136-MainGeoSurvey-0001
6/16/15	6:47	9:27	136_2	4.82	0	10678	10925	5.3	5.6	0133-136-MainGeoSurvey-0001
6/16/15	9:31	11:04	129	5.17	180	10926	11072	5.2	5.8	0134-129-MainGeoSurvey-0001
6/16/15	11:18	12:25	129_2	4.98	180	11073	11182	4.8	5.4	0135-129-MainGeoSurvey-0001
6/16/15	12:29	15:09	134	5.06	0	11183	11432	5.5	5.5	0136-134-MainGeoSurvey-0001
6/16/15	16:35	19:16	139	5.01	180	11433	11683	6.3	5.5	0137-139-MainGeoSurvey-0001
6/16/15	19:22	21:52	141	4.84	0	11684	11933	5.9	5.2	0138-141-MainGeoSurvey-0001
6/16/15	21:58	22:46	130	4.35	180	11939	12000	5.1	5.5	0139-130-MainGeoSurvey-0001
6/16/15	22:56	1:02	130_2	4.46	180	12001	12188	7.1	7.1	0140-130-MainGeoSurvey-0001
6/17/15	1:38	4:38	132	4.96	0	12188	12441	6.5	6.5	0141-132-MainGeoSurvey-0001
6/17/15	4:47	7:11	137	4.5	180	12442	12690	6	6	0142-137-MainGeoSurvey-0001
6/17/15	7:47	10:01	244	4.48	0	12691	12880	6	6	0143-244-MainGeoSurvey-0001
6/17/15	10:11	12:09	243	4.5	180	12881	13068	6	6	0144-243-MainGeoSurvey-0001
6/17/15	12:13	13:22	248	4.5	0	13069	13173	6	6	0145-248-MainGeoSurvey-0001
6/17/15	13:34	14:34	248_2	4.9	0	13174	13265	5.5	5.5	0146-248-MainGeoSurvey-0001
6/17/15	14:39	15:46	253	5.08	180	13266	13373	5.3	5.4	0147-253-MainGeoSurvey-0001
6/17/15	17:55	18:56	253_2	4.86	180	13376	13469	5.3	4.5	0148-253-MainGeoSurvey-0001
6/17/15	19:05	19:14	258	4.44	0	13470	13482	4	4.5	0149-258-MainGeoSurvey-0001
6/17/15	20:49	21:39	165	4.35	0	13483	13556	5.6	5.4	0150-165-MainGeoSurvey-0001
6/17/15	22:58	0:29	165_2	4.57	0	13557	13699	6	5.9	0151-165-MainGeoSurvey-0001
6/17/15	0:36	2:41	168	5.21	180	13700	13901	5.8	6.1	0152-168-MainGeoSurvey-0001
6/18/15	3:12	4:36	171	4.97	0	13902	14032	6.2	5.5	0153-171-MainGeoSurvey-0001
6/18/15	4:46	4:48	171_2	4.5	0	14031	14034	5.5	5.5	0154-171-MainGeoSurvey-0001
6/18/15	4:49	5:08	171_3	4.59	0	14035	14061	5.5	5.5	0155-171-MainGeoSurvey-0001
6/18/15	5:20	5:53	171_4	4.5	0	14062	14110	5.5	5.5	0156-171-MainGeoSurvey-0001
6/18/15	6:00	8:10	164	5	180	14111	14311	5.4	5.5	0157-164-MainGeoSurvey-0001
6/18/15	8:14	10:34	157	4.47	0	14312	14512	5.1	5.5	0158-157-MainGeoSurvey-0001
6/18/15	10:39	12:57	162	5	180	14513	14714	5.5	5.5	0160-162-MainGeoSurvey-0001
6/18/15	13:00	13:36	167	5.4	0	14715	14774	6.1	5.5	0161-167-MainGeoSurvey-0001
6/18/15	13:47	14:00	167_2	5	0	14775	14796	5.5	5.5	0162-167-MainGeoSurvey-0001
6/18/15	14:37	16:10	167_3	4.72	0	14797	14944	5.6	6.5	0163-167-MainGeoSurvey-0001
6/18/15	16:16	18:17	160	5	180	14945	15146	5.5	5.5	0164-160-MainGeoSurvey-0001
6/18/15	18:22	20:33	155	4.71	0	15147	15348	5.6	5.6	0165-155-MainGeoSurvey-0001
6/18/15	20:38	22:40	166	5.31	180	15348	15551	5.4	5.1	0166-166-MainGeoSurvey-0001
6/18/15	22:46	0:47	161	5.19	0	15552	15752	6.7	5.2	0167-161-MainGeoSurvey-0001
6/19/15	1:38	3:36	251	5.1	180	15752	15752	5.8	5.1	0168-251-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar,
magnetometer, USBL and single beam echosounder

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6/19/15	3:41	5:44	258_2	5.1	0	15943	16133	5.7	5.5	0169-258-MainGeoSurvey-0001
6/19/15	6:11	8:02	254	5.21	180	16134	16323	5.2	5.5	0170-254-MainGeoSurvey-0001
6/19/15	8:06	10:13	249	5	0	16324	163513	6	5	0171-249-MainGeoSurvey-0001
6/19/15	10:17	12:08	245	5.46	180	16514	16703	5.4	5.5	0172-245-MainGeoSurvey-0001
6/22/15	19:23	21:29	170	5.03	0	16704	16904	6	5.8	0175-170-MainGeoSurvey-0001
6/22/15	21:39	0:23	159	3.83	180	16905	17105	6.9	6.2	0176-159-MainGeoSurvey-0001
6/23/15	0:53	3:05	257	4.66	0	17106	17294	5.5	5.8	0117-257-MainGeoSurvey-0001
6/23/15	3:11	5:39	250	4.03	180	17295	17483	6.5	5	0178-250-MainGeoSurvey-0001
6/23/15	5:46	8:13	256	4.26	353	17483	17671	7.1	5	0179-256-MainGeoSurvey-0001
6/23/15	8:19	10:36	247	4.34	180	17672	17860	8.4	8.1	0180-247-MainGeoSurvey-0001
6/23/15	10:43	12:59	252	4.52	0	17861	18049	8.1	7.9	0181-252-MainGeoSurvey-0001
6/23/15	13:09	15:50	255	4.05	180	18050	18238	7.6	7.8	0182-255-MainGeoSurvey-0001
6/23/15	15:55	17:46	246	5.11	0	18239	18427	5.2	6.3	0183-246-MainGeoSurvey-0001
6/23/15	18:28	20:36	259	3.14	180	18428	18548	6.7	7.3	0184-259-MainGeoSurvey-0001
6/24/15	4:56	7:20	2	4.46	180	18549	18748	7.6	7.6	0185-2-MainGeoSurvey-0001
6/24/15	7:26	9:54	6	4.4	0	18749	18948	7.3	7.6	0186-6-MainGeoSurvey-0001
6/24/15	10:02	12:09	1	4.9	180	18949	9148	7.1	7.5	0187-1-MainGeoSurvey-0001
6/24/15	12:23	15:06	4	3.77	0	19149	19348	7.2	7.1	0188-4-MainGeoSurvey-0001
6/24/15	16:11	18:27	163	4.9	180	19349	19549	6.5	7.3	0189-163-MainGeoSurvey-0001
6/24/15	18:56	20:57	156	4.52	0	19550	19717	6.3	7.4	0190-156-MainGeoSurvey-0001
6/24/15	22:34	23:02	156_2	4.11	0	19718	19752	7.1	6.8	0191-156-MainGeoSurvey-0001
6/24/15	23:12	1:11	169	4.22	180	19753	19905	6.5	7.1	0192-169-MainGeoSurvey-0001
6/25/15	1:26	3:26	158	4.14	0	19906	20054	6.5	7.4	0193-158-MainGeoSurvey-0001
6/25/15	3:57	6:27	233	4.26	180	20055	20255	6.7	6.7	0194-233-MainGeoSurvey-0001
6/25/15	6:33	8:46	240	4.87	0	20256	20456	6.4	6.4	0195-240-MainGeoSurvey-0001
6/25/15	8:52	11:04	231	4.67	180	20457	20656	7.1	7.1	0196-231-MainGeoSurvey-0001
6/25/15	11:18	13:48	238	4.48	0	20657	20857	5.9	6.3	0197-238-MainGeoSurvey-0001
6/25/15	14:00	15:35	229	5.27	180	20858	21001	6.4	6.8	0198-229-MainGeoSurvey-0001
6/25/15	15:43	16:23	229_2	4.6	180	21002	21061	6.4	6.7	0199-229-MainGeoSurvey-0001
6/25/15	16:31	16:43	236	4.55	0	21062	21079	6.4	6.8	0200-236-MainGeoSurvey-0001
6/25/15	17:53	17:54	236_2	3.89	0	21080	21081	6.4	6.4	0201-236-MainGeoSurvey-0001
6/25/15	18:13	20:17	236_3	4.34	0	21082	21268	6.4	6.7	0202-236-MainGeoSurvey-0001
6/25/15	20:32	23:15	241	4.36	180	21269	21469	6.6	6.3	0203-241-MainGeoSurvey-0001
6/25/15	23:19	1:32	234	5.03	0	21470	21670	6.4	6.5	0204-234-MainGeoSurvey-0001
6/26/15	1:47	4:26	237	4.14	180	21671	21872	6.7	6.7	0205-237-MainGeoSurvey-0001
6/26/15	4:32	6:46	230	4.72	0	21873	22073	6.3	6.4	0206-230-MainGeoSurvey-0001
6/26/15	6:52	9:23	239	4.33	180	22074	22273	7.5	7.1	0207-239-MainGeoSurvey-0001
6/26/15	9:30	10:38	232	3.95	0	22274	22352	6.4	6.5	0208-232-MainGeoSurvey-0001
6/26/15	12:26	13:52	3	3.52	0	22353	22445	6.4		0209-3-MainGeoSurvey-0001
6/26/15	13:56	15:36	3_2	3.2	0	22445	22555	7.1	7.1	0210-3-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

US Wind R/V Shearwater Geophysical Survey Line Log

6/29/15	13:54	17:06	142	4.21	180	22556	22083	5.7	6.8	0211-142-MainGeoSurvey-0001
6/29/15	17:14	17:22	143	4.45	0	22804	22818	6.4	6.5	0212-143-MainGeoSurvey-0001
6/29/15	18:43	21:21	143-2	4.55	0	22829	23063	7.1	6.4	0213-143-MainGeoSurvey-0001
6/29/15	21:28	0:44	144	3.2	180	23063	23310	6.5	6.8	0214-144-MainGeoSurvey-0001
6/30/15	0:53	3:16	149	4.9	0	23311	23511	6.2	6.6	0215-149-MainGeoSurvey-0001
6/30/15	3:27	5:05	154	5.23	180	23512	23661	6.5	6.5	0216-154-MainGeoSurvey-0001
6/30/15	5:12	7:05	152	4.21	0	23662	23814	6.5	6.5	0217-152-MainGeoSurvey-0001
6/30/15	7:13	9:44	150	4.71	180	23814	24013	6.5	6.5	0218-150-MainGeoSurvey-0001
6/30/15	9:49	11:53	146	4.8	180	24014	24214	7	7	0219-146-MainGeoSurvey-0001
6/30/15	12:07	13:48	148	3.95	180	24214	24345	6.8	7	0220-148-MainGeoSurvey-0001
6/30/15	14:38	15:35	148_2	3.93	180	24346	24416	6.4	6.4	0221-148-MainGeoSurvey-0001
6/30/15	15:42	16:19	154_2	4.49	0	24417	24469	6.1	6.6	0222-154-MainGeoSurvey-0001
6/30/15	16:29	17:08	152_2	4.24	180	24470	24519	5.8	6.3	0223-152-MainGeoSurvey-0001
6/30/15	17:41	19:27	147	4.4	0	24520	24679	6	6.5	0224-147-MainGeoSurvey-0001
6/30/15	20:51	21:20	147_2	4.4	0	24680	24722	5.8	6.3	0225-147-MainGeoSurvey-0001
6/30/15	21:25	23:55	153	3.55	180	24723	24886	6.8	6.4	0226-153-MainGeoSurvey-0001
7/1/15	0:11	0:46	153_2	3.85	180	24887	24926	6.2	6.5	0227-153-MainGeoSurvey-0001
7/1/15	0:57	3:14	145	4.71	0	24927	25127	6.7	6.9	0228-145-MainGeoSurvey-0001
7/1/15	3:20	4:04	151	3.63	180	25128	25182	5.9	5.9	0229-151-MainGeoSurvey-0001
7/1/15	5:29	7:29	151_2	3.85	180	25183	25332	8.3	8.3	0230-151-MainGeoSurvey-0001
7/1/15	8:08	10:24	124	4.52	0	25334	25533	6.8	6.8	0231-124-MainGeoSurvey-0001
7/1/15	11:02	13:39	119	3.97	180	25534	25733	8.1	8.1	0232-119-MainGeoSurvey-0001
7/1/15	13:46	16:10	122	4.08	0	25734	25935	6.5	6.9	0233-122-MainGeoSurvey-0001
7/1/15	16:16	17:42	117	4.57	180	25935	26055	6.9	6.4	0234-117-MainGeoSurvey-0001
7/1/15	19:11	21:20	5	4.71	0	26056	26256	6.4	6.8	0235-5-MainGeoSurvey-0001
7/1/15	21:26	0:24	14	3.43	180	26257	26456	7.1	6.5	0236-14-MainGeoSurvey-0001
7/2/15	0:33	2:52	9	4.91	0	26457	26657	5.3	6.2	0237-9-MainGeoSurvey-0001
7/2/15	3:00	5:16	16	4.55	180	26658	26857	6.2	6.2	0238-16-MainGeoSurvey-0001
7/2/15	5:24	7:55	12	4.39	0	26858	27057	6.8	6.8	0239-12-MainGeoSurvey-0001
7/2/15	7:59	10:19	17	4.49	180	27058	27257	6.1	6.4	0240-17-MainGeoSurvey-0001
7/2/15	10:24	12:29	8	5.41	0	27258	27457	8	6.8	0241-08-MainGeoSurvey-0001
7/2/15	12:41	15:17	11	4.11	180	27458	27657	7.1	6.5	0242-11-MainGeoSurvey-0001
7/2/15	15:22	16:42	18	4.35	0	27658	27765	7	6.5	0243-18-MainGeoSurvey-0001
7/2/15	18:59	20:18	18_2	3.81	0	22765	277858	6.7	6.9	0244-18-MainGeoSurvey-0001
7/2/15	20:24	22:33	7	5.2	180	27859	28058	6.1	6.8	0245-7-MainGeoSurvey-0001
7/2/15	22:39	23:52	13	4.1	0	28059	28147	7.1	6.7	0246-13-MainGeoSurvey-0001
7/3/15	0:15	1:58	13_2	3.85	0	28148	28264	6.7	7.1	0247-13-MainGeoSurvey-0001
7/3/15	2:08	2:14	20	3.9	180	28265	28273	6.7	6.7	0248-20-MainGeoSurvey-0001
7/3/15	2:33	4:37	20_2	4.8	180	28274	28473	6.8	6.5	0249-20-MainGeoSurvey-0001
7/3/15	4:44	7:35	10	3.31	0	28474	28674	6.7	6.3	0250-10-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

US Wind R/V Shearwater Geophysical Survey Line Log

7/3/15	7:38	9:41	15	5.6	180	28675	28874	7	6.4	0251-15-MainGeoSurvey-0001
7/3/15	9:46	12:10	19	4.35	0	28875	29074	6.5	6.3	0252-19-MainGeoSurvey-0001
7/3/15	12:18	14:38	23	4.37	180	29075	29274	6.6	6.8	0253-23-MainGeoSurvey-0001
7/3/15	14:47	17:06	26	5.08	0	29275	29475	6.6	6.9	0254-26-MainGeoSurvey-0001
7/3/15	17:10	19:14	21	5.1	180	29476	29675	6.5	6.6	0255-21-MainGeoSurvey-0001
7/3/15	19:21	21:42	24	4.35	0	29677	29877	6.7	6.4	0256-24-MainGeoSurvey-0001
7/3/15	21:46	0:13	29	4.56	180	29878	30077	7.1	6.7	0257-29-MainGeoSurvey-0001
7/4/15	0:30	2:50	22	4.91	0	30079	30278	5.5	6.5	0258-22-MainGeoSurvey-0001
7/4/15	3:01	5:20	25	4.33	180	30279	30478	7	7.1	0259-25-MainGeoSurvey-0001
7/4/15	5:26	7:57	30	4.3	0	30479	30679	6.6	6.2	0260-30-MainGeoSurvey-0001
7/4/15	8:02	10:21	27	4.91	180	30680	30879	6.5	6.5	0261-27-MainGeoSurvey-0001
7/4/15	10:26	12:45	32	4.31	0	30880	31079	6.6	6.2	0262-32-MainGeoSurvey-0001
7/4/15	21:01	23:25	35	4.6	180	31080	31279	6.6	6.4	0263-35-MainGeoSurvey-0001
7/4/15	23:29	1:53	28	4.2	0	31280	31479	6.8	6.7	0264-28-MainGeoSurvey-0001
7/5/15	1:57	2:15	33	4.1	180	31480	31502	6.3	6.5	0265-33-MainGeoSurvey-0001
7/5/15	2:31	4:46	33_2	4.1	180	31503	31687	6.3	6.1	0266-33-MainGeoSurvey-0001
7/5/15	4:54	7:37	36	4.46	0	31688	31888	5.7	6.6	0267-36-MainGeoSurvey-0001
7/5/15	7:41	9:45	31	5.32	180	31889	32088	7.1	6.5	0268-31-MainGeoSurvey-0001
7/5/15	9:53	12:28	34	3.81	0	32089	32288	5.8	7.1	0269-34-MainGeoSurvey-0001
7/5/15	12:40	15:05	55	4.64	180	32289	32488	7.4	7.2	0270-55-MainGeoSurvey-0001
7/5/15	15:12	17:26	58	4.89	0	32489	32691	6.7	6.8	0271-58-MainGeoSurvey-0001
7/5/15	17:32	19:47	61	4.75	180	32692	32892	6.7	6.4	0272-61-MainGeoSurvey-0001
7/5/15	19:50	22:14	56	4.35	0	32892	33093	6.5	6.6	0273-56-MainGeoSurvey-0001
7/5/15	22:34	0:59	59	4.95	180	33094	33294	6.9	6.5	0274-59-MainGeoSurvey-0001
7/6/15	1:10	3:29	54	4.8	0	33295	33495	6.1	6.6	0275-54-MainGeoSurvey-0001
7/6/15	3:36	6:00	57	4.4	180	33496	33696	5.8	6.1	0276-57-MainGeoSurvey-0001
7/6/15	6:07	8:34	60	4.39	0	33697	33896	7.3	6.4	0277-60-MainGeoSurvey-0001
7/6/15	8:39	10:47	63	5.07	180	33897	34096	7.1	7	0278-63-MainGeoSurvey-0001
7/6/15	10:52	12:58	66	4.53	0	34097	34297	6.8	6.7	0279-66-MainGeoSurvey-0001
7/8/15	19:51	21:50	62	5.47	0	34298	34498	6.2	6.8	0280-62-MainGeoSurvey-0001
7/8/15	21:54	0:05	65	4.71	180	34499	34699	6.7	6.5	0281-65-MainGeoSurvey-0001
7/9/15	0:09	2:18	70	4.96	0	34700	34901	6.8	6.4	0282-70-MainGeoSurvey-0001
7/9/15	2:23	4:36	67	4.85	180	34902	35102	6.2	6.2	0283-67-MainGeoSurvey-0001
7/9/15	4:43	6:46	72	5	0	35103	35302	6.4	6.4	0284-72-MainGeoSurvey-0001
7/9/15	6:56	9:08	69	4.81	180	35303	35504	6.7	6.7	0285-69-MainGeoSurvey-0001
7/9/15	9:12	11:19	64	4.99	0	35505	35705	6.7	6.7	0286-64-MainGeoSurvey-0001
7/9/15	11:23	13:27	71	5.05	180	35706	35905	6.5	6.5	0287-71-MainGeoSurvey-0001
7/9/15	13:32	17:05	68	5.07	0	35907	36222	6.3	6.3	0288-68-MainGeoSurvey-0001
7/9/15	17:09	19:22	73	4.91	180	36223	36423	6.6	6.4	0289-73-MainGeoSurvey-0001
7/9/15	19:26	21:22	76	5.5	0	36424	36625	6.4	6.6	0290-76-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar,
magnetometer, USBL and single beam echosounder

US Wind R/V Shearwater Geophysical Survey Line Log

7/9/15	21:27	22:25	79	4.9	180	36626	36716	6.4	6.6	0291-79-MainGeoSurvey-0001
7/10/15	0:33	1:15	79_2	4.9	180	36717	36780	6	6.8	0292-79-MainGeoSurvey-0001
7/10/15	2:10	2:52	79_3	4.28	180	36787	36833	6.2	6.5	0293-79-MainGeoSurvey-0001
7/10/15	2:55	4:52	74	5.6	0	36834	37033	6.2	6.4	0294-74-MainGeoSurvey-0001
7/10/15	5:02	7:22	77	4.01	180	37034	37234	6.6	6.5	0295-77-MainGeoSurvey-0001
7/10/15	7:31	9:41	80	5.25	0	37235	37435	6.3	6.4	0296-80-MainGeoSurvey-0001
7/10/15	9:45	10:26	75	5.5	180	37436	37502	6	6.2	0297-75-MainGeoSurvey-0001
7/10/15	11:50	13:04	75_2	5.98	180	37507	37638	6.5	6.5	0298-75-MainGeoSurvey-0001
7/10/15	13:11	15:56	78	3.65	0	37639	37839	6.6	6.6	0299-78-MainGeoSurvey-0001
7/10/15	16:10	18:13	81	5.5	180	37840	38041	6.2	6.4	0300-81-MainGeoSurvey-0001
7/10/15	18:25	20:37	84	4.7	0	38042	38243	6.5	6.6	0301-84-MainGeoSurvey-0001
7/10/15	20:45	22:46	87	5.3	180	38244	38444	5.8	6.3	0302-87-MainGeoSurvey-0001
7/10/15	23:02	1:10	82	4.96	0	38445	38646	6.8	6.5	0303-82-MainGeoSurvey-0001
7/10/15	1:14	3:11	85	5.5	180	38647	38847	6.8	6.6	0304-85-MainGeoSurvey-0001
7/11/15	3:16	5:20	88	5.1	0	38848	39048	6.4	6.5	0305-88-MainGeoSurvey-0001
7/11/15	5:33	7:38	83	5.29	180	39049	39249	6.5	6.5	0306-83-MainGeoSurvey-0001
7/11/15	7:43	9:47	86	5.2	0	39250	39450	6.6	6.6	0307-86-MainGeoSurvey-0001
7/11/15	9:52	11:44	89	5.78	180	39451	39651	6.2	6.4	0308-89-MainGeoSurvey-0001
7/11/15	11:50	14:05	92	5.5	0	39652	39852	6.3	6.3	0309-92-MainGeoSurvey-0001
7/11/15	14:10	16:05	95	5.6	180	39853	40052	6.2	6.3	0310-95-MainGeoSurvey-0001
7/11/15	16:09	18:11	90	5.14	0	40053	40254	6	6.4	0311-90-MainGeoSurvey-0001
7/11/15	18:19	20:29	93	5.1	180	40255	40456	6	6.5	0312-93-MainGeoSurvey-0001
7/11/15	20:32	22:26	96	5.5	0	40457	40657	6.7	6.4	0313-96-MainGeoSurvey-0001
7/11/15	22:30	0:25	91	5.4	180	40658	40858	5.6	6.6	0314-91-MainGeoSurvey-0001
7/11/15	0:46	2:58	94	5.1	0	40859	41059	6.7	6.5	0315-94-MainGeoSurvey-0001
7/12/15	3:01	4:50	97	6.1	180	41060	41260	6.5	6.5	0316-97-MainGeoSurvey-0001
7/12/15	4:58	7:07	100	5.01	0	41261	41460	6.4	6.4	0317-100-MainGeoSurvey-0001
7/12/15	7:15	9:14	103	5.39	180	41461	41661	6.3	6.3	0318-103-MainGeoSurvey-0001
7/12/15	9:18	11:21	98	5.02	0	41662	41863	6.1	6.4	0319-98-MainGeoSurvey-0001
7/12/15	11:26	13:24	101	5.32	180	41864	42065	6	6.2	0320-101-MainGeoSurvey-0001
7/12/15	13:29	15:35	104	5.06	0	42066	42266	6.1	6.3	0321-104-MainGeoSurvey-0001
7/12/15	15:40	17:37	99	5.63	180	42267	42467	6.5	6.2	0322-99-MainGeoSurvey-0001
7/12/15	17:44	19:41	102	5.6	0	42468	42669	6.5	6.3	0323-102-MainGeoSurvey-0001
7/12/15	19:44	21:52	105	5.1	180	42670	42869	6.5	6.3	0324-105-MainGeoSurvey-0001
7/12/15	21:54	23:49	108	5.7	0	42870	43070	6.4	6.2	0325-108-MainGeoSurvey-0001
7/13/15	0:02	2:06	111	5.1	180	43071	43271	5.4	6.4	0326-111-MainGeoSurvey-0001
7/13/15	2:09	4:22	106	4.8	0	43272	43473	6.3	6.3	0327-106-MainGeoSurvey-0001
7/13/15	4:31	6:28	109	5.29	180	43474	43674	6.4	6.4	0328-109-MainGeoSurvey-0001
7/13/15	6:36	8:35	112	5.22	0	43675	43875	6.5	6.3	0329-112-MainGeoSurvey-0001
7/13/15	8:49	10:57	107	5.01	180	43876	44076	6.8	6.8	0330-107-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar,
magnetometer, USBL and single beam echosounder

US Wind R/V Shearwater Geophysical Survey Line Log

7/13/15	11:02	13:01	110	5.34	0	44077	44277	6.5	6.5	0331-110-MainGeoSurvey-0001
7/13/15	13:06	15:05	113	5.2	180	44278	44477	6.4	6.5	0332-113-MainGeoSurvey-0001
7/13/15	15:09	17:09	116	5.4	0	44478	44678	6.4	6.4	0333-116-MainGeoSurvey-0001
7/13/15	17:13	19:23	121	5.2	180	44679	44879	6.8	6.5	0334-121-MainGeoSurvey-0001
7/13/15	19:28	21:17	118	5.7	0	44880	45081	7.3	6.4	0335-118-MainGeoSurvey-0001
7/13/15	21:28	23:44	115	4.7	180	45082	45288	6.7	6.5	0336-115-MainGeoSurvey-0001
7/14/15	2:07	4:14	120	5.2	0	45283	45483	6.5	6.5	0337-120-MainGeoSurvey-0001
7/14/15	4:22	6:27	117	5.68	180	45484	45683	6.1	6.3	0338-117-MainGeoSurvey-0001
7/14/15	6:33	8:34	114	5.27	0	45684	45884	6.2	6.2	0339-114-MainGeoSurvey-0001
7/14/15	8:39	11:08	123	3.96	180	45885	46085	5.9	6.1	0340-123-MainGeoSurvey-0001
7/14/15	11:51	13:49	180	5.69	0	46086	46286	6	6.2	0341-180-MainGeoSurvey-0001
7/14/15	13:55	16:23	181	4.48	180	46287	46486	6.1	6.4	0342-181-MainGeoSurvey-0001
7/14/15	16:23	18:34	178	5.2	0	46487	46688	7.1	6.5	0343-178-MainGeoSurvey-0001
7/14/15	18:46	19:16	175	3.7	180	46689	46723	6.8	7.4	0344-175-MainGeoSurvey-0001
7/17/15	15:30	16:23	158	5	0	46724	46806	6.6	6.6	0345-158-MainGeoSurvey-0001
7/17/15	16:30	17:21	169_2	5.22	180	46817	46889	6.7	6.5	0346-169-MainGeoSurvey-0001
7/17/15	17:40	19:46	210	5.1	0	46890	47090	6.7	6.4	0347-210-MainGeoSurvey-0001
7/17/15	19:49	22:00	213	5	180	47091	47291	6.7	6.3	0348-213-MainGeoSurvey-0001
7/17/15	22:04	23:59	216	5.2	0	47292	47492	6.7	6.4	0349-216-MainGeoSurvey-0001
7/17/15	0:04	2:22	211	4.5	180	47493	47693	6.9	6.5	0350-211-MainGeoSurvey-0001
7/18/15	2:26	2:37	214	5.3	0	47694	47711	6.8	6.5	0351-214-MainGeoSurvey-0001
7/18/15	2:48	4:46	214_2	5.1	0	47901	47901	6.5	6.3	0352-214-MainGeoSurvey-0001
7/18/15	4:53	6:57	209	5.11	180	47902	48103	6.1	6	0353-209-MainGeoSurvey-0001
7/18/15	7:04	9:11	212	5.1	0	48104	48304	6.3	6.3	0354-212-MainGeoSurvey-0001
7/18/15	9:15	11:18	215	5.2	180	48305	48487	6.3	6.3	0355-215-MainGeoSurvey-0001
7/18/15	12:01	12:04	215_2	5.2	180	48488	48491	6.2	6.2	0356-215-MainGeoSurvey-0001
7/18/15	12:59	13:28	215_3	5.2	180	48492	48533	6.2	6.2	0357-215-MainGeoSurvey-0001
7/18/15	13:32	15:24	218	5.6	0	48534	48734	6.3	6.3	0358-218-MainGeoSurvey-0001
7/18/15	15:29	17:50	223	4.8	180	48735	48936	6.3	6.5	0359-223-MainGeoSurvey-0001
7/18/15	17:56	19:55	220	5.5	0	48937	49138	6.2	6.5	0360-220-MainGeoSurvey-0001
7/18/15	20:00	22:20	217	4.7	180	49139	49339	6.9	6.4	0361-217-MainGeoSurvey-0001
7/18/15	22:24	0:14	224	5.6	0	49340	49540	6.2	6.5	0362-224-MainGeoSurvey-0001
7/19/15	0:41	3:14	219	4.3	180	49541	49741	6.4	6.6	0363-219-MainGeoSurvey-0001
7/19/15	3:18	5:21	226	5.4	0	49742	49943	6.5	6.4	0364-226-MainGeoSurvey-0001
7/19/15	5:28	7:39	221	5	180	49944	50146	6.2	6.3	0365-221-MainGeoSurvey-0001
7/19/15	7:44	9:49	228	5.1	0	50147	50347	6.4	6.5	0366-228-MainGeoSurvey-0001
7/19/15	9:54	12:14	225	5.3	180	50348	50549	6.1	6.2	0367-225-MainGeoSurvey-0001
7/19/15	12:19	14:08	222	5.8	0	50550	50751	6.4	6.5	0368-222-MainGeoSurvey-0001
7/19/15	14:14	16:36	227	5.5	180	50752	50953	6.1	6.2	0369-227-MainGeoSurvey-0001
7/19/15	16:40	18:37	232_2	5.7	0	50954	51154	6.1	6.5	0370-232-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

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7/19/15	18:48	20:59	235	4.8	180	51155	51355	6.1	6.4	0371-235-MainGeoSurvey-0001
7/19/15	21:03	22:51	242	5.5	0	51356	51544	5.6	6.4	0372-242-MainGeoSurvey-0001
7/19/15	23:15	1:36	259_2	4.3	180	51545	51733	6	6.4	0373-259-MainGeoSurvey-0001
7/20/15	1:41	3:30	264	5.5	0	51734	51922	5.9	6.5	0374-264-MainGeoSurvey-0001
7/20/15	3:37	5:42	261	4.6	180	51923	52112	6.3	6.3	0375-261-MainGeoSurvey-0001
7/20/15	5:48	7:50	266	5.1	0	52113	52302	6.4	6.2	0376-266-MainGeoSurvey-0001
7/20/15	7:54	9:47	263	5.3	180	52301	52492	6.5	6.5	0377-263-MainGeoSurvey-0001
7/20/15	9:50	11:43	260	5.1	0	52493	52681	6.4	6.2	0378-260-MainGeoSurvey-0001
7/20/15	11:49	13:55	265	5.3	180	52682	52871	5.9	6.5	0379-265-MainGeoSurvey-0001
7/20/15	14:00	14:05	262	5.2	0	52872	52879	6.1	6.4	0380-262-MainGeoSurvey-0001
7/20/15	14:19	14:23	262_2	5.3	0	52880	52887	6.1	6.4	0381-262-MainGeoSurvey-0001
7/20/15	14:32	15:45	262_3	5.4	0	52888	53017	6.4	6.2	0382-262-MainGeoSurvey-0001
7/20/15	17:05	17:37	262_4	5.2	0	53108	53068	5.8	46.4	0383-262-MainGeoSurvey-0001
7/20/15	17:44	19:58	269	4.2	180	53069	53257	6.2	6.5	0384-269-MainGeoSurvey-0001
7/20/15	20:04	21:57	272	5.5	0	53258	53446	6.1	6.4	0385-272-MainGeoSurvey-0001
7/20/15	22:02	0:08	267	4.6	180	53447	53636	6.5	6.4	0386-267-MainGeoSurvey-0001
7/21/15	0:15	2:04	270	5.5	0	53637	53826	6.6	6.5	0387-271-MainGeoSurvey-0001
7/21/15	2:10	4:17	273	4.8	180	53827	54017	6.1	6.3	0388-273-MainGeoSurvey-0001
7/21/15	4:21	6:22	268	5	0	54018	54206	6.6	6.5	0389-268-MainGeoSurvey-0001
7/21/15	6:24	8:21	271	5.4	180	54207	54396	6.1	6.3	0390-271-MainGeoSurvey-0001
7/21/15	9:51	9:59	262_Infill	5.2	0	54397	54410	6.1	6.3	0391-Infill 262-MainGeoSurvey-0001
7/21/15	10:35	10:41	206_Infill	5.4	180	54411	54420	6.5	6.4	0392-Infill 206-MainGeoSurvey-0001
7/21/15	10:57	13:06	179	5.2	180	54421	54622	6.5	6.3	0393-179-MainGeoSurvey-0001
7/21/15	13:16	14:04	201_Infill	5	0	54623	54709	6.1	6.3	0394-Infill 201-MainGeoSurvey-0001
7/21/15	14:14	14:27	200_Infill	5.1	0	54710	54733	6.1	6.4	0395-Infill 200-MainGeoSurvey-0001
7/21/15	14:36	14:40	187_Infill	5.1	0	54734	54740	6.5	6.4	0396-Infill 187-MainGeoSurvey-0001
7/21/15	14:49	14:53	202_Infill	5.2	0	54741	54748	6.4	6.2	0397-Infill 202-MainGeoSurvey-0001
7/21/15	15:25	15:37	175_2	5.2	180	54749	54766	6.1	6.3	0398-175-MainGeoSurvey-0001
7/21/15	16:59	19:15	175_3	4.5	180	54767	54963	6.6	6.4	0399-175-MainGeoSurvey-0001
7/21/15	19:24	19:30	174	5.2	0	54964	54972	6.5	6.2	0400-175-MainGeoSurvey-0001
7/21/15	19:57	22:08	174_2	5.2	0	54973	55173	5.9	6.5	0401-174-MainGeoSurvey-0001
7/21/15	22:14	0:04	173	5.6	180	55174	55354	6.2	6.4	0402-173-MainGeoSurvey-0001
7/22/15	0:42	1:03	173_2	5.1	180	55355	55387	6.3	6.5	0403-173-MainGeoSurvey-0001
7/22/15	1:08	3:04	176	5.1	0	55387	55588	6.6	6.4	0404-176-MainGeoSurvey-0001
7/22/15	3:10	5:13	177	4.9	180	55588	55789	6.2	6.5	0405-177-MainGeoSurvey-0001
7/22/15	5:19	7:04	172	5.5	0	55790	55946	6.5	5.9	0406-172-MainGeoSurvey-0001
7/22/15	19:42	10:50	172_2	4.7	0	55947	56015	6.5	5.9	0407-172-MainGeoSurvey-0001
7/22/15	10:50	10:56	153_Infill	5.1	180	56016	56027	6.2	6.1	0408-Infill_Line153-MainGeoSurvey-0001
7/22/15	12:34	12:39	143_Infill	5	0	56028	56033	6.5	6.5	0409-Infill_Line143-MainGeoSurvey-0001
7/24/15	22:08	22:10	143_3	5	0	29	32	6.8	6.8	0419-143-MainGeoSurvey-0001

Equipment used: Subbottom profiler, Side scan sonar, magnetometer, USBL and single beam echosounder

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7/24/15	22:49	22:54	157_2	5.1	0	56034	56039	6.4	6.4	0420-157-MainGeoSurvey-0001
7/24/15	23:25	23:29	35_2	5.83	180	56040	56046	5.1	5.5	0421-Infill_Line35-MainGeoSurvey-0001
7/24/15	0:15	0:23	277	5.23	0	56047	56059	6.4	6.5	0422-277-MainGeoSurvey-0001
7/24/15	0:31	0:38	274	5.5	180	56060	56071	6	6	0423-274-MainGeoSurvey-0001
7/24/15	0:47	0:54	275	5.2	0	56072	56082	6.3	6	0424-275-MainGeoSurvey-0001
7/24/15	1:06	1:13	276	5.76	180	56083	56093	6.3	6.1	0425-276-MainGeoSurvey-0001
7/24/15	1:26	1:31	171_5	5.25	0	56094	56102	6.3	6.5	0426-171-MainGeoSurvey-0001
7/24/15	1:33	2:12	172_3	5.27	0	56103	56168	6.7	6.5	0427-172-MainGeoSurvey-0001
7/24/15	2:24	2:29	155_2	5.2	0	56169	56176	6.1	6	0428-Infill_Line155-MainGeoSurvey-0001
7/24/15	2:41	2:49	153_4	5.2	180	56177	56189	6	6	0429-153-MainGeoSurvey-0001
7/24/15	3:13	3:23	68_2	5.2	0	56190	56196	6	6	0430-68-MainGeoSurvey-0001
7/24/15	3:41	3:46	112_2	5.44	0	56197	56205	6	6	0431-112-MainGeoSurvey-0001
7/25/15	4:10	4:30	24_2	5.2	180	56206	56239	6	6	0432-24-MainGeoSurvey-0001
7/25/15	4:58	5:42	65_2	5.15	180	56240	56312	5.8	6	0433-65-MainGeoSurvey-0001