

R/V Melville - MV1015
November 19 - December 14, 2010
Arica - Isla de Pascua, Chile

DTG (GMT)	LAT (South)	LONG (West)	EVENT	INIT
191005	20-05.000	070-48.000	1 DOM Pump deployed	WH
191211	20-05.000	070-48.000	1 DOM Pump recovered	EC
191235	20-05.000	070-48.000	2 CTD #1 deployed	EC
191302	20-05.000	070-48.000	2 CTD #1 @ 1000 Meters	EC
191322	20-05.000	070-48.000	2 CTD #1 @ surface for redeployment	EC
191337	20-05.000	070-48.000	2 CTD #1 @ 500 Meters	EC
191442	20-05.000	070-48.000	2 CTD #1 on deck	EC
191617	20-05.000	070-48.000	3 Hyperpro #1 deployed	MJ
191633	20-05.000	070-48.000	3 Hyperpro #1 on deck	MJ
191640	20-05.000	070-48.000	3 Hyperpro #2 deployed	MJ
191645	20-05.005	070-47.983	3 Hyperpro #2 on deck	MJ
191709	20-05.003	070-47.983	4 CTD #2 deployed	MJ
191726	20-05.003	070-47.982	4 CTD @ 200m	MJ
191822	20-05.004	070-47.982	4 CTD #2 on deck	MJ
191950	20-05.004	070-47.982	5 Commence TM pumping	JF
192135	20-05.004	070-47.982	6 TM rosette #1 deployed	JF
192148	20-05.004	070-47.982	6 TM rosette #1 on deck	JF
192210	20-05.004	070-47.982	6 TM rosette #2 deployed	JF
192222	20-05.004	070-47.982	6 TM rosette #2 on deck	JF
192257	20-05.004	070-47.982	7 CTD #3 deployed	JF
192315	20-05.006	070-47.982	7 CTD #3 @ 500 M	EC
200011	20-05.003	070-47.982	7 CTD #3 on deck	EC
201039	20-05.000	070-48.000	8 DOM Pump deployed	WH
201122	20-05.000	070-48.000	8 DOM Pump on deck	WH
201232	20-05.233	070-48.000	9 Sediment Trap deployed	EC
201353	20-05.664	070-48.000	9 Sediment Trap and Buoy deployed	EC
201418	20-05.768	070-48.000	10 CTD #4 deployed	EC
201441	20-05.768	070-48.000	10 CTD #4 @ 200 M	EC
201520	20-05.768	070-47.999	10 CTD #4 on deck	EC
201605	20-05.766	070-48.000	11 Hyperpro #3 deployed	MJ
201614	20-05.767	070-48.000	11 Hyperpro #3 on deck	MJ
201637	20-05.767	070-48.001	12 TMR #3 deployed	MJ
201701	20-05.767	070-48.000	12 TMR #3 on deck	MJ
201820	20-05.768	070-48.000	13 CTD #5 deployed	MJ
201853	20-05.769	070-48.000	13 CTD #5 @ 1000m	MJ
202003	20-05.766	070-48.000	13 CTD #5 on deck	JF
202218	20-06.138	070-48.075	16 Array deployed	JF
202325	20-04.931	070-48.032	17 CTD #6 deployed	JF
202330	20-04.931	070-48.032	17 CTD #6 at 65M	JF
210002	20-04.931	070-48.032	17 CTD #6 on deck	EC
210236	20-05.027	070-48.020	18 CTD #7 deployed	EC
210300	20-05.027	070-48.020	18 CTD #7 @ 1000 M	EC
210410	20-05.027	070-48.020	18 CTD #7 on deck	MJ
210553	20-05.026	070-48.018	19 TMR #4 deployed	MJ
210630	20-05.028	070-48.023	19 TMR #4 @ 1900m	MJ
210716	20-05.026	070-48.020	19 TMR #4 on deck	MJ
211021	20-04.972	070-47.997	20 DOM Pump deployed	WH
211410	20-05.000	070-47.999	20 DOM Pump on deck	EC
211422	20-04.999	070-47.998	21 CTD #8 deployed	EC
211436	20-04.999	070-47.999	20 DOM Pump deployed	EC
211441	20-04.999	070-47.998	21 CTD #8 @ 500 M	EC

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211508	20-04.999	070-47.998	20 DOM Pump on deck	EC
211534	20-05.000	070-48.000	21 CTD #8 on deck	EC
211602	20-05.000	070-48.000	22 Hyperpro #4 deployed	MJ
211619	20-05.000	070-48.000	22 Hyperpro #4 on deck	MJ
211709	20-05.000	070-47.999	23 CTD #9 deployed	MJ
211737	20-04.999	070-47.997	23 CTD #9 @ 1000m	MJ
211901	20-05.000	070-47.999	23 CTD #9 on deck	MJ
211930	20-04.999	070-47.997	24 DOM Pump deployed	MJ
212042	20-04.999	070-47.997	25 MaClane pump test deployed	JF
212159	20-04.999	070-47.997	25 MaClane pump test on deck	JF
212209	20-04.999	070-47.997	26 CTD #10 deployed	JF
212235	20-04.999	070-47.997	26 CTD #10 at 1000m	JF
212330	20-04.999	070-47.997	26 CTD #10 on deck	JF
220023	20-05.000	070-47.999	27 CTD #11 deployed	EC
220037	20-05.000	070-47.999	27 CTD #11 @ 200 M	EC
220104	20-05.000	070-47.999	27 CTD #11 on deck	EC
220140	20-04.998	070-47.997	28 CTD #12 deployed	EC
220154	20-04.998	070-47.997	28 CTD#12 @ 500 M	EC
220227	20-04.999	070-48.001	28 CTD #12 on deck	EC
220432	20-04.967	070-47.996	29 CTD #13 deployed	MJ
220446	20-04.969	070-47.997	29 CTD #13 @ 146	MJ
220519	20-04.970	070-47.994	29 CTD #13 on deck	MJ
220638	20-05.000	070-48.000	30 McLane pump deployed	MJ
220853	20-04.999	070-48.000	30 McLane pump on deck	WH
221002	20-05.000	070-48.000	31 CTD #14 deployed	WH
221015	20-05.000	070-48.000	31 CTD #14 @ 250m	WH
221049	20-05.000	070-48.000	31 CTD #14 on deck	WH
221117	20-05.000	070-48.000	32 DOM Pump deployed	WH
221404	20-05.000	070-48.000	32 DOM Pump on deck	EC
221408	20-05.000	070-48.000	33 CTD #15 deployed	EC
221425	20-05.000	070-48.000	33 CTD #15 @ 500 M	EC
221521	20-05.000	070-48.000	33 CTD #15 on deck	EC
221554	20-05.000	070-48.001	34 Hyperpro #5 deployed	MJ
221610	20-05.000	070-48.000	34 Hyperpro #5 on deck	MJ
221617	20-05.000	070-48.000	35 CTD #16 deployed	MJ
221700	20-05.000	070-48.000	35 CTD #16 @ 1950m	MJ
221913	20-05.000	070-47.999	35 CTD #16 on deck	MJ
222038	20-05.000	070-47.999	36 CTD #17 deployed	JF
222048	20-05.000	070-47.999	36 CTD #17 at 100M	JF
222127	20-05.000	070-47.999	36 CTD #17 on deck	JF
222325	20-04.984	070-47.956	37 TM Rosette #5 deployed	JF
222335	20-05.000	070-47.999	38 DOM pump deployed	JF
230008	20-05.000	070-48.000	37 TM Rosette @ 1900 M	EC
230048	20-05.000	070-48.001	37 TM Rosette on deck	EC
230248	20-05.001	070-48.000	38 DOM pump on deck	EC
230252	20-05.001	070-48.000	39 CTD #18 deployed	EC
230336	20-05.001	070-48.001	39 CTD #18 @ 1900 M	EC
230443	20-05.001	070-47.999	39 CTD #18 on deck	MJ
230912	20-04.998	070-47.999	40 CTD #19 deployed	WH
230952	20-05.000	070-48.000	40 CTD #19 on deck	WH
231353	19-47.975	071-06.784	41 Array recovered, on deck	EC
231424	19-47.860	071-06.784	42 Hyperpro #6 deployed	EC

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231432	19-47.904	071-06.993	42 Hyperpro @ 120 M	EC
231436	19-47.935	071-07.042	42 Hyperpro #6 on deck	EC
231737	19-58.600	070-43.974	43 Niskin deployed	MJ
231742	19-58.596	070-43.974	43 Niskin on deck	MJ
232201	20-05.220	070-28.181	44 Sediment trap on deck	JF
232359	20-04.980	070-48.089	45 CTD #20 deployed	EC
240023	20-05.004	070-47.984	45 CTD #20 @ 1000 M	EC
240112	20-05.003	070-47.991	45 CTD #20 on deck	EC
240117	20-05.005	070-47.991	46 DOM pump deployed	EC
240628	20-05.032	070-48.090	46 DOM pump on deck	MJ
251132	21-10.659	076-34.335	47 TM Surface sampler deployed	WH
251159	21-10.649	076-34.357	47 TM Surface sampler on deck	EC
251206	21-10.650	076-34.356	48 CTD #21 deployed	EC
251241	21-10.649	076-34.356	48 CTD #21 @ 1000 M	EC
251355	21-10.650	076-34.357	48 CTD #21 on deck	EC
251406	21-10.650	076-34.356	49 TM Rosette #6 Deployed	EC
251426	21-10.649	076-34.356	49 TM Rosette @ 1000 M	EC
251451	21-10.650	076-34.357	49 TM Rosette on deck	EC
251503	21-10.650	076-34.356	50 CTD #22 deployed	EC
251538	21-10.651	076-34.357	50 CTD #22 @ 1500m	EC
251651	21-10.650	076-34.356	50 CTD #22 on deck	MJ
251709	21-10.648	076-34.359	51 Hyperpro #7 deployed	MJ
251722	21-10.651	076-34.354	51 Hyperpro #7 on deck	MJ
251811	21-10.652	076-34.356	52 Boyle vane pump deployed	MJ
251925	21-10.651	076-34.356	53 DOM pump deployed	MJ
252043	21-10.651	076-34.356	52 Boyle vane pump on deck	JF
252218	21-10.651	076-34.356	53 DOM pump on deck	JF
252221	21-10.651	076-34.356	54 CTD #23 deployed	JF
252237	21-10.651	076-34.356	54 CTD #23 at 493m	JF
252320	21-10.651	076-34.356	54 CTD #23 on deck	JF
260130	21-10.651	076-34.356	55 McClane Pumps deployed	EC
260406	21-10.652	076-34.355	55 McClane Pumps on deck	MJ
260425	21-10.653	076-34.355	56 CTD #24 deployed	MJ
260525	21-10.652	076-34.354	56 CTD #24 @ 1500m	MJ
260647	21-10.652	076-34.355	56 CTD #24 on deck	MJ
271210	22-15.637	082-20.882	57 TM Surface Sampler deployed	EC
271229	22-15.657	082-20.873	57 TM Surface Sampler on deck	EC
271236	22-15.657	082-20.873	58 CTD #25 deployed	EC
271253	22-15.657	082-20.873	58 CTD #25 @ 200 M	EC
271400	22-15.657	082-20.873	58 CTD #25 on deck	EC
271416	22-15.657	082-20.872	59 TM Rosette #7 deployed	EC
271505	22-15.657	082-20.872	59 TM Rosette on deck	EC
271515	22-15.657	082-20.872	60 CTD #26 deployed	EC
271541	22-15.657	082-20.873	60 CTD #26 @ 1000 M	EC
271648	22-15.655	082-20.873	60 CTD #26 on deck	MJ
271654	22-15.655	082-20.871	61 Hyperpro #8 deployed	MJ
271702	22-15.655	082-20.871	61 Hyperpro #8 on deck	MJ
271742	22-15.657	082-20.873	62 Boyle vane pump deployed	MJ
271800	22-15.657	082-20.873	63 DOM pump deployed	MJ
271940	22-15.657	082-20.873	63 DOM pump on deck	JF
272040	22-15.657	082-20.873	62 Boyle vane pump on deck	JF
272055	22-15.657	082-20.873	64 CTD #27 deployed	JF

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272120	22-15.655	082-20.872	64 CTD #27 @ 1000 M	EC
272220	22-15.655	082-20.872	64 CTD #27 on deck	JF
272256	22-15.655	082-20.872	65 CTD #28 deployed	JF
272308	22-15.655	082-20.872	65 CTD #28 at 300m	JF
272350	22-15.655	082-20.872	65 CTD #28 on deck	JF
280008	22-15.656	082-20.872	67 Boyle Vane Pump deployed	EC
280047	22-15.658	082-20.872	67 Boyle Vane Pump on deck	EC
280104	22-15.657	082-20.872	66 DOM pump deployed	EC
280420	22-15.657	082-20.872	66 DOM pump on deck	EC
291212	23-27.507	088-46.090	68 TM Surface Niskin deployed	WH
291233	23-27.509	088-46.090	68 TM Surface Niskin on deck	WH
291241	23-27.508	088-46.088	70 CTD #29 deployed	WH
291255	23-27.508	088-46.089	69 DOM Pump deployed	EC
291309	23-27.509	088-46.089	70 CTD #29 @ 500 M	EC
291407	23-27.509	088-46.088	69 DOM Pump on deck	EC
291410	23-27.509	088-46.088	70 CTD #29 on deck	EC
291607	23-27.661	088-45.836	71 Sediment Traps deployed	EC
291618	23-27.664	088-45.829	72 Hyperpro deployed	EC
291628	23-27.688	088-45.799	73 DOM pump deployed	EC
291637	23-27.706	088-45.773	72 Hyperpro on deck	EC
291704	23-27.707	088-45.772	73 DOM pump on deck	MJ
291706	23-27.707	088-45.771	74 CTD #30 deployed	MJ
291725	23-27.707	088-45.773	74 CTD #30 @ 500m	MJ
291820	23-27.707	088-45.774	74 CTD #30 on deck	MJ
291822	23-27.707	088-45.773	73 DOM pump deployed	MJ
291843	23-27.706	088-45.770	75 TMR #8 deployed	MJ
291850	23-27.706	088-45.773	75 TMR #8 on deck	MJ
292103	23-27.706	088-45.773	76 Taylor array deployed	JF
292115	23-27.706	088-45.773	77 DOM pump deployed	JF
292148	23-27.706	088-45.773	78 CTD #31 Deployed	JF
292208	23-27.706	088-45.774	78 CTD #31 @ 500 M	EC
292300	23-27.706	088-45.774	78 CTD #31 on deck	JF
292315	23-27.706	088-45.774	79 TM Rosette deployed	JF
300052	23-27.705	088-45.773	77 DOM pump on deck	EC
300116	23-27.705	088-45.774	79 TM Rosette on deck	EC
300349	23-27.508	088-46.088	80 DOM pump deployed	EC
300538	23-27.508	088-46.087	81 McLane pump deployed	MJ
300826	23-27.509	088-46.087	81 McLane pump on deck	MJ
300904	23-27.509	088-46.088	80 DOM pump on deck	WH
301000	23-27.511	088-46.087	82 CTD #32 deployed	WH
301026	23-27.509	088-46.088	82 CTD #32 @ 1000m	WH
301127	23-27.509	088-46.088	82 CTD #32 on deck	WH
301130	23-27.509	088-46.088	83 DOM pump deployed	WH
301315	23-27.510	088-46.090	84 TM Rosette Deployed	EC
301341	23-27.509	088-46.091	84 TM Rosette on deck	EC
301508	23-27.509	088-46.091	83 DOM pump on deck	EC
301512	23-27.510	088-46.089	85 CTD #33 deployed	EC
301524	23-27.510	088-46.089	86 DOM pump deployed	EC
301545	23-27.509	088-46.091	85 CTD #33 @ 1000 M	EC
301634	23-27.510	088-46.090	86 DOM pump on deck	EC
301657	23-27.511	088-46.088	85 CTD #33 on deck	MJ
301700	23-27.510	088-46.088	86 DOM pump deployed	MJ

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301734	23-27.510	088-46.088	87 Hyperpro deployed	MJ
301744	23-27.509	088-46.088	87 Hyperpro on deck	MJ
301809	23-27.510	088-46.088	86 DOM pump on deck	MJ
301814	23-27.510	088-46.089	88 CTD #34 deployed	MJ
301824	23-27.510	088-46.089	86 DOM pump deployed	MJ
301838	23-27.510	088-46.089	88 CTD #34 @ 983m	MJ
301937	23-27.510	088-46.090	88 CTD #34 on deck	MJ
302008	23-27.510	088-46.089	89 McLane pump deployed	MJ
302200	23-27.508	088-46.089	89 McLane pump on deck	EC
302210	23-27.510	088-46.088	90 CTD #35 deployed	EC
302259	23-27.510	088-46.088	90 CTD #35 on deck	JF
010057	23-27.512	088-46.096	91 DOM Pump deployed	EC
010113	23-27.508	088-46.089	92 Vane Pump Deployed	EC
010300	23-27.509	088-46.088	91 DOM Pump on deck	EC
010335	23-27.508	088-46.089	92 Vane Pump @ 3829 M	EC
010706	23-27.509	088-46.091	92 Vane pump on deck	MJ
010727	23-27.507	088-46.089	93 CTD #36 deployed	MJ
010808	23-27.508	088-46.088	93 CTD #36 @ 1500m	MJ
010921	23-27.510	088-46.090	93 CTD #36 on deck	WH
010924	23-27.509	088-46.087	95 DOM Pump I deployed	WH
010934	23-27.508	088-46.088	94 McLane Pump deployed	WH
011334	23-27.507	088-46.088	94 McLane pump on deck	EC
011342	23-27.508	088-46.090	97 DOM pump at different depth	EC
011349	23-27.509	088-46.089	96 CTD #37 deployed	EC
011405	23-27.509	088-46.089	96 CTD #37 @ 200 M	EC
011445	23-27.507	088-46.088	96 CTD #37 on deck	EC
011524	23-27.508	088-46.087	98 CTD #38 deployed	EC
011548	23-27.508	088-46.088	98 CTD #38 @ 980 M	EC
011650	23-27.508	088-46.088	97 DOM pump on deck	MJ
011657	23-27.507	088-46.088	98 CTD #38 on deck	MJ
011700	23-27.507	088-46.090	99 Hyperpro deployed	MJ
011711	23-27.506	088-46.090	99 Hyperpro on deck	MJ
011750	23-27.507	088-46.088	100 CTD #39 deployed	MJ
011815	23-27.508	088-46.089	100 CTD #39 @ 980m	MJ
011912	23-27.507	088-46.089	100 CTD #39 on deck	MJ
011917	23-27.507	088-46.089	101 DOM pump deployed	MJ
012312	23-27.507	088-46.089	101 DOM pump on deck	JF
020104	23-27.509	088-46.089	102 CTD #40 deployed	EC
020118	23-27.508	088-46.089	102 CTD #40 @ 500 M	EC
020141	23-27.508	088-46.089	102 CTD #40 on deck	EC
020429	23-27.508	088-46.088	103 Vane Pump deployed	EC
020524	23-27.509	088-46.088	103 Vane pump @ 1017m	MJ
020753	23-27.510	088-46.089	103 Vane pump on deck	MJ
020811	23-27.508	088-46.088	104 CTD #41 deployed	MJ
020828	23-27.509	088-46.088	104 CTD #41 @ 500m	MJ
020907	23-27.509	088-46.090	104 CTD #41 on deck	WH
020909	23-27.508	088-46.088	105 DOM Pump (FeL) deployed	WH
021419	23-27.508	088-46.089	105 DOM Pump (FeL) on deck	EC
021644	23-25.677	088-50.074	106 Sediment trap on deck	MJ
021657	23-25.682	088-50.079	107 Hyperpro deployed	MJ
021707	23-25.676	088-50.073	107 Hyperpro on deck	MJ
021753	23-25.677	088-50.073	108 CTD #42 deployed	MJ

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021808	23-25.693	088-50.083	108 CTD #42 @ 490m	MJ
021840	23-25.681	088-50.078	108 CTD #42 on deck	MJ
022105	23-23.992	088-57.287	110 Taylor array on deck	JF
022235	23-27.502	088-46.105	111 CTD #43 deployed	JF
022300	23-27.508	088-46.088	111 CTD #43 at 800M	JF
022331	23-27.508	088-46.088	111 CTD #43 on deck	JF
022337	23-27.508	088-46.088	112 DOM deployed	JF
030009	23-27.508	088-46.088	113 McClane Pump deployed	JF
030438	23-27.509	088-46.089	112 DOM pump on deck	EC
030441	23-27.209	088-46.088	113 McLane Pump on deck	EC
041012	24-33.619	094-43.485	114 TM Surface Sampler deployed	WH
041033	24-33.617	094-43.482	114 TM Surface Sampler on deck	WH
041038	24-33.618	094-43.482	115 CTD #44 deployed	WH
041101	24-33.618	094-43.480	115 CTD #44 @ 800m	WH
041149	24-33.619	094-43.482	115 CTD #44 on deck	WH
041328	24-33.618	094-43.482	116 Boyle Vane pump deployed	EC
041430	24-33.620	094-43.480	116 Boyle Vane pumps @ 1219 M	EC
041644	24-33.617	094-43.482	116 Boyle Vane pumps on deck	MJ
041709	24-33.617	094-43.484	117 CTD #45 deployed	MJ
041737	24-33.619	094-43.481	117 CTD #45 @ 980m	MJ
041856	24-33.619	094-43.481	117 CTD #45 on deck	MJ
041952	24-33.619	094-43.481	118 DOM pump deployed	MJ
042003	24-33.618	094-43.481	119 CTD #46 deployed	MJ
042028	24-33.618	094-43.483	119 CTD #46 @ 990m	MJ
042128	24-33.618	094-43.483	119 CTD #46 on deck	JF
042221	24-33.618	094-43.483	120 CTD #47 (Core-II) deployed	EC
042244	24-33.618	094-43.483	120 CTD #47 at 980m	JF
042340	24-33.618	094-43.483	120 CTD #47 on deck	JF
050110	24-33.618	094-43.482	121 CTD #48 deployed	EC
050137	24-33.619	094-43.481	121 CTD #48 @ 1000 M	EC
050240	24-33.617	094-43.481	121 CTD #48 on deck	EC
050306	24-33.617	094-43.483	122 Vane Pumps Deployed	EC
050323	24-33.617	094-43.487	122 Vane Pumps @ 416 M	EC
050424	24-33.618	094-43.482	122 Vane Pumps on deck	EC
050517	24-33.267	094-42.043	123 CTD #49 deployed	MJ
050527	24-33.269	094-42.044	118 DOM pump deployed	MJ
050547	24-33.269	094-42.043	123 CTD #49 @ 980m	MJ
050657	24-33.267	094-42.044	118 DOM pump on deck	MJ
050710	24-33.267	094-42.045	123 CTD #49 on deck	MJ
061006	25-33.070	100-08.134	124 TM Surface Sampler deployed	WH
061031	25-33.068	100-08.134	124 TM Surface Sampler on deck	WH
061037	25-33.069	100-08.135	125 McLane Pumps deployed	WH
061427	25-33.069	100-08.134	125 McLane Pumps on deck	EC
061438	25-33.071	100-08.134	126 CTD #50 deployed	EC
061452	25-33.070	100-08.135	126 CTD #50 @ 250 M	EC
061535	25-33.070	100-08.135	126 CTD #50 on deck	EC
061622	25-33.071	100-08.134	127 CTD #51 (Core-I) deployed	EC
061645	25-33.070	100-08.133	127 CTD #51 @ 980 M	MJ
061754	25-33.072	100-08.134	127 CTD #51 on deck	MJ
061800	25-33.072	100-08.134	128 DOM pump deployed	MJ
061813	25-33.070	100-08.134	129 TMR #9 deployed	MJ
061826	25-33.071	100-08.135	129 TMR #9 @ 700m	MJ

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061837	25-33.070	100-08.135	129 TMR #9 on deck	MJ
061932	25-33.072	100-08.134	130 CTD #52 deployed	MJ
061955	25-33.070	100-08.134	130 CTD #52 @ 980m	MJ
062020	25-33.070	100-08.134	128 DOM pump on deck	MJ
062056	25-33.070	100-08.134	130 CTD #52 on deck	JF
062207	25-33.071	100-08.134	131 Vane pump deployed	EC
070103	25-33.071	100-08.134	131 Vane pump on deck	EC
070118	25-33.071	100-08.134	132 CTD #53 deployed	EC
070142	25-33.071	100-08.134	132 CTD #53 @ 1000 M	EC
070244	25-33.072	100-08.134	132 CTD #53 on deck	EC
070330	25-33.072	100-08.134	133 CTD #54 deployed	EC
070356	25-33.071	100-08.135	133 CTD #54 @ 1000 M	EC
070448	25-33.071	100-08.134	133 CTD #54 on deck	MJ
072333	26-14.901	103-57.644	134 Surface sampler deployed	JF
072333	26-14.901	103-57.644	135 DOM pump deployed	JF
072358	26-14.901	103-57.644	134 Surface sampler on deck	JF
080008	26-14.901	103-57.644	136 CTD #55 deployed	JF
080030	26-14.901	103-57.644	136 CTD #55 at 980m	JF
080110	26-14.900	103-57.644	136 CTD #55 on deck	EC
080204	26-14.900	103-57.644	137 McLane Pump deployed	EC
080314	26-14.900	103-57.644	137 McLane Pumps @ 1900 M	EC
080907	26-14.900	103-57.644	137 McLane Pumps on deck	WH
080914	26-14.899	103-57.646	138 CTD #56 deployed	WH
080929	26-14.899	103-57.645	138 CTD #56 @ 300m	WH
081004	26-14.898	103-57.646	138 CTD #56 on deck	WH
081059	26-14.899	103-57.646	135 DOM pump on deck	WH
081245	26-14.930	103-57.508	139 CTD #57 deployed	EC
081254	26-14.930	103-57.509	140 DOM Pump deployed	EC
081307	26-14.930	103-57.508	139 CTD #57 @ 500 M	EC
081346	26-14.929	103-57.508	139 CTD #57 on deck	EC
081436	26-14.929	103-57.508	141 Taylor Arrays deployed	EC
081443	26-14.930	103-57.509	140 DOM Pump on deck	EC
081611	26-14.929	103-57.508	142 Hyperpro deployed	EC
081623	26-14.929	103-57.507	142 Hyperpro on deck	EC
081704	26-14.928	103-57.508	143 CTD #58 deployed	MJ
081724	26-14.928	103-57.508	143 CTD #58 @ 500m	MJ
081800	26-14.929	103-57.506	143 CTD #58 on deck	MJ
081811	26-14.926	103-57.511	145 DOM pump deployed	MJ
082003	26-14.900	103-57.450	144 Sediment trap deployed	MJ
082135	26-14.909	103-57.398	146 CTD camera cast deployed	JF
082147	26-14.909	103-57.398	146 CTD camera cast on deck	JF
082155	26-14.908	103-57.399	147 CTD #59 deployed	EC
082221	26-14.908	103-57.398	147 CTD #59 @ 1000 M	EC
082329	26-14.908	103-57.398	147 CTD #59 on deck	JF
082343	26-14.908	103-57.398	148 TM Rosette deployed	JF
090008	26-14.908	103-57.398	148 TM Rosette on deck	JF
090108	26-14.908	103-57.397	149 DOM pump (from 145) on deck	EC
090306	26-14.899	103-57.647	151 DOM pump deployed	EC
090311	26-14.899	103-57.646	150 Vane Pump deployed	EC
090606	26-14.899	103-57.646	151 DOM pump on deck	MJ
090742	26-14.898	103-57.649	150 Vane pump on deck	MJ
090840	26-14.899	103-57.646	152 DOM pump deployed	MJ

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091140	26-14.899	103-57.646	152 DOM pump on deck	WH
091316	26.14.899	103-57.645	153 CTD #61 deployed	EC
091343	26-14.898	103-57.644	153 CTD #61 @ 980 M	EC
091435	26-14.898	103-57.645	153 CTD #61 on deck	EC
091530	26-14.896	103-57.646	154 CTD #62 deployed	EC
091558	26-14.899	103-57.645	154 CTD #62 @ 980 M	EC
091708	26-14.899	103-57.644	154 CTD #62 on deck	MJ
091721	26-14.899	103-57.645	155 Hyperpro deployed	MJ
091735	26-14.899	103-57.645	155 Hyperpro on deck	MJ
091820	26-14.898	103-57.645	156 CTD #63 deployed	MJ
091834	26-14.899	103-57.644	156 CTD #63 @ 300m	MJ
091934	26-14.899	103-57.646	156 CTD #63 on deck	MJ
092019	26-14.897	103-57.645	157 CTD #64 deployed	MJ
092035	26-14.897	103-57.646	158 DOM pump deployed	MJ
092148	26-14.897	103-57.646	157 CTD #64 on deck	JF
092153	26-14.899	103-57.645	159 McLane pump deployed	JF
092207	26-14.898	103-57.645	160 DOM pump deployed	EC
100055	26-14.898	103-57.644	159 McLane pump on deck	EC
100135	26-14.900	103-57.645	161 CTD #65 deployed	EC
100155	26-14.898	103-57.645	161 CTD #65 @ 700 M	EC
100220	26-14.898	103-57.645	160 DOM pump on deck	EC
100246	26-14.898	103-57.645	161 CTD #65 on deck	EC
100506	26-14.901	103-57.646	162 CTD #66 deployed	MJ
100524	26-14.901	103-57.645	162 CTD #66 @ 500m	MJ
100613	26-14.901	103-57.646	162 CTD #66 on deck	MJ
100615	26-14.901	103-57.646	164 DOM pump deployed	MJ
100621	26-14.900	103-57.644	163 TMR #10 deployed	MJ
100712	26-14.899	103-57.646	163 TMR #10 @ 2500m	MJ
100800	26-14.901	103-57.645	163 TMR #10 on deck	MJ
100841	26-14.900	103-57.645	163 TMR #11 deployed (test cast)	WH
100852	26-14.900	103-57.645	163 TMR #11 on deck (test cast)	WH
100904	26-14.901	103-57.645	163 TMR #12 deployed	WH
100954	26-14.900	103-57.642	163 TMR #12 @ 2500m	WH
101037	26-14.900	103-57.645	163 TMR #12 on deck	WH
101159	26-14.899	103-57.647	165 CTD #67 deployed	WH
101213	26-14.901	103-57.646	165 CTD #67 @ 500m	WH
101234	26-14.900	103-57.646	165 CTD #67 on deck	WH
101238	26-14.901	103-57.644	164 DOM pump on deck	WH
101447	26-14.898	103-57.646	167 DOM pump deployed	EC
101503	26-14.901	103-57.643	166 CTD #68 deployed	EC
101523	26-14.900	103-57.644	166 CTD #68 @ 500 M	EC
101616	26-14.900	103-57.644	166 CTD #68 on deck	EC
101625	26-14.901	103-57.645	168 Hyperpro deployed	EC
101644	26-14.902	103-57.645	168 Hyperpro on deck	MJ
101715	26-14.901	103-57.644	167 DOM pump on deck	MJ
101815	26-14.900	103-57.645	169 CTD #69 deployed	MJ
101829	26-14.902	103-57.643	169 CTD #69 @ 320m	MJ
101949	26-14.900	103-57.646	169 CTD #69 on deck	MJ
102046	26-14.900	103-57.646	170 Vane pumps deployed	JF
102147	26-14.900	103-57.646	170 Vane pumps at 1018m	JF
102340	26-14.900	103-57.646	170 Vane pumps on deck	JF
110003	26-14.900	103-57.646	171 CTD #70 deployed	JF

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110019	26-14.900	103-57.646	171 CTD #70 at 500m	JF
110042	26-14.900	103-57.646	171 CTD #70 on deck	JF
110303	26-14.900	103-57.643	172 CTD #71 deployed	EC
110322	26-14.900	103-57.644	172 CTD #71 @ 500 M	EC
110356	26-14.900	103-57.645	172 CTD #71 on deck	EC
110638	26-14.901	103-57.646	173 DOM pump deployed	MJ
111106	26-14.902	103-57.647	174 Commence McLane pump deploy	WH
111354	26-14.902	103-57.648	174 McLane pump on deck	EC
111404	26-14.902	103-57.647	175 CTD #72 deployed	EC
111430	26-14.900	103-57.649	175 CTD #72 @ 980	EC
111545	26-14.902	103-57.647	175 CTD #72 on deck	EC
111739	26-14.903	103-57.647	176 CTD #73 deployed	MJ
111805	26-14.903	103-57.649	176 CTD #73 @ 980m	MJ
111910	26-14.902	103-57.647	176 CTD #73 on deck	MJ
111921	26-14.902	103-57.648	176 CTD #73R deployed	MJ
111945	26-14.902	103-57.647	176 CTD #73R @ 980m	MJ
112050	26-14.902	103-57.647	176 CTD #73R on deck	JF
112159	26-14.902	103-57.647	177 CTD #74 deployed	EC
112213	26-14.900	103-57.646	177 CTD #74 @ 300 M	EC
112245	26-14.900	103-57.646	177 CTD #74 on deck	JF
120214	26-07.128	104-20.420	178 Taylor Array on deck	EC
120330	26-09.189	104-15.260	179 CTD #75 deployed	EC
120430	26-09.189	104-15.261	179 CTD #75 @ 3000 M	EC
120545	26-09.189	104-15.259	179 CTD #75 on deck	MJ
120549	26-09.187	104-15.261	180 DOM pump deployed	MJ
121257	26-09.187	104-15.260	180 DOM pump on deck	EC
121640	26-04.672	104-00.244	181 Sediment Traps on deck	EC
121720	26-04.706	104-00.237	182 CTD #76 deployed	MJ
121806	26-04.672	104-00.243	183 DOM pump deployed	MJ
121821	26-04.670	104-00.246	182 CTD #76 @ 3000m	MJ
122002	26-04.671	104-00.245	182 CTD #76 on deck	MJ
122222	26-04.671	104-00.245	183 DOM on deck	JF