

**KM2112 - PARAGON**  
**EVENT LOG (ALL TIMES: GMT)**

**TYPE CODE:** ST=Sediment Trap Array **N2PP** = N2 fixation /PP Array, **CTD** =CTD, **UCTD** =underway CTD, **SVP** drifter, **HYP**=hyperpro, **OPT**=Optics, **TMN** =Trace metal Niskin (Nick H), **5N** Niskin = Starboard 5 L Niskin (Ana C), **WW** = WireWalker, **NTOW**= Net Tow, **NT** = nettrap

Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
1	07.22	20:45		21° 15.2846	157° 32.3822	Weight CAST		500m	TEST STATION (LARS TESTS PASSED)
2	07.22	22:40		21° 15.6284	157° 32.4893	CTD	SICI	200m	console training
3	07.22	23:19		21° 15.8075	157° 32.5653	TM	SITMØ	210m	Test Station Cast
4	07.22	0401	0412	21° 39.075	156° 50.345	UCTD	0	400m	test cast
5	07.22	0426	0431	21° 39.149	156° 49.914	UCTD	1	400m	cast 1, hard landing.
6	07.22	0437	0449	21° 39.543	156° 47.518	UCTD	2	400m	cast: 11min, total:
7	07.22	0523	0443	21° 40.707	156° 39.882	UCTD	3	400m	.297 probe
8	07.22	0557	0608	21° 41.225	156° 36.457	UCTD	4	400m	.297 probe 7.9 knots
9	07.22	06:31	0642	21° 41.904	156° 31.771	UCTD	5	400m	.297 probe
10	07.22	07:01	0713	21° 42.528	156° 27.567	UCTD	6	400m	"
11	07.22	0729	0741	21° 43.056	156° 23.905	UCTD	7	400m	"
12	07.22	0800	0812	21° 43.687	156° 19.469	UCTD	8	400m	switched to .297 probe
13	07.22	0830	0842	21° 44.384	156° 15.541	UCTD	9	400m	switched to 0294 probe
14	07.22	0902	0813	21° 45.176	156° 10.935	UCTD	10	400m	0294 probe
15	07.22	0930	0942	21° 45.720	156° 07.025	UCTD	11	"	297
16	07.22	1000	1012	21° 46.613	156° 03.000	UCTD	12	"	↓
17	07.22	10:32	1044	21° 47.041	155° 58.122	UCTD	13	"	↓
18	07.22	11:00	11:12	21° 47.630	155° 54.303	UCTD	14	"	no data - plug left in
19	07.22	11:27	11:39	21° 48.263	155° 50.261	UCTD	15	"	8.0 knots
20	07.22	11:58	12:09	21° 48.959	155° 45.869	UCTD	16	"	

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21	7/23/21	13:30	13:39	21°50.5169	155°37.3425	WW	—	—	NW80320 XEOS #77+80
22	7/23/21	14:02	14:11	21°50.797	155°36.214	UCTD	17	400m	#0294 probe.
23	"	14:30	14:42	21°51'306	155°32'125	"	18	"	#0294
24	"	14:59	15:10	21°51'712	155°27'927	"	19	"	X no data
25	"	15:31	15:4	21°52'29	155°23'326	"	20	"	#0297
26	7/23/21	15:58	06:13	21°52'953	155°19'265	"	21	"	297
27	7/23/21	17:55		21°54.2900	155°07.7587	IPSC	—	175	XEOS 268 RB 6
28	7/23	19:35		21°53.7936	155°07.5403	TMNET	—	150	rockblock 04 XEOS 26 release # 40997
29			get info from bridge			NET	—	150	? Rockblock 10
30	7/23	22:56		21°54.089	155°09.7751	NET	—	150	? rockblock 12
31	7/23	23:30	00:30	23°53.987	155°12.45	CTD	S2C1	500	
32	7/23	00:30	02:30	21°53.1	155°12.3	LT Sed (DA)			XEOS 266 rockblock #08
33	7/23	04:12	04:44	21°52.7	155°11.8	CTD	S2C2	300	\
34	7/24	05:15	06:16	21°52.7329	155°11.7526	LT Sed (ED)	—	—	XEOS 267 rockblock 05
35	7/24	07:02		21°52.7	155°11.0	Pump CTD	P1	25	
36	7/24	10:17	10:48	21°53.4851	155°16.9226	CTD	S2C3	500	
37	15 7/24	13:07	13:45	21°52.2843	155°24.7723	S.P.C	—	~200	S
38	7/24	13:50	14:12	21°52.2251	155°24.6973	UVP	—	~200	
39	7/24	14:21	15:13	21°52.1060	155°24.0976	OPTICS CAGE	—	200	
40									

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41	7/24	1600	16:48	21°52.0481	155°23.2892	CTD	4	300	
42	7/24	1747	18:12	21°49.915	155°18.825	DAILY PIT TRAP	—	150	XEOS 88 RBOZ DEPLOY
43	7/24	1823	1828	21°49.7934	155°18.0945	Seaglides 626	—	—	Glider # 626
44	7/24	1838	1842	21°49.7871	155°18.0313	Seaglides 511	—	—	Glider # 511
45	7/24	1849	1851	21°49.8021	155°17.9590	Seaglides <sup>POTATO</sup> CHIP	—	—	Glider # <sup>513</sup> POTATO CHIP
46	7/24	1907	1935	21°49.8482	155°17.6642	TM CTD	TM2	200	
47	7/24	check w/ br. dgs	—	21°44.7908	155°12.3887	NET	NT1	150	Net #17 recovery + re-deploy
48	7/24					NET	Trap #2	150	redblock #10/recovery
49	7/24	2022		21°41.9046	155°17.2186	NET	TM Net <sup>4</sup> Trap	150	redblock #2 RECOVERED / RBO4?
50	7/24	21:21		21°44.9	155°12.5	NET	TM #5	150	XEOS 81 RBO4 deploy
51	7/24	21:56		21°44.7	155°12.3	NET	#6	150	RBO4 deploy
52	7/24	23:01		21°43.3	155°13.1		#7	150	RBO4 deploy
53	7/25	00:55		21°41.3N	155°10.9W		TM #8	175	XEOS 83 deploy
54	7/25	1:45		21°41.4N	155°10.4W		#9	200	XEOS 84 deploy
55	7/25	2:30		21°41.2N	155°09.7W	↓	#10	300	XEOS 85 deploy
56	7/25	3:00		21°41.256	155°09.346	CTD	5	300	
57	7/25	6:23	7:29	21°44.417	155°17.062	CTD	6	1000	
58	7/25	10:22	10:41	21°44.0277	155°16.6077	CTD	7	150	
59	7/25	12:22	12:57	21°43.6822	155°16.6132	CTD	8	200	
60	7/25	14:30	15:15	21°43.4877	155°16.6251	PP/GAS / 16PK	—	150m	deployment. (XEOS 87)

MCC

\* begin of acoustic release is considered start time

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61	7/25	09:55		23°43.166	159°16.208	CTD	9	300	
62	7/25	17:00	17:25	21°42.6089	155°16.303	TM CTD	TM3	340	
63	7/25	18:36	19:20	21°43.7135	155°24.668	HRES CTD	10	200	
64	7/25	19:46	20:24	21°42.7	155°25.8	DAILY PIT	RECOVER	150	Daily Sed Recovery
65	7/25	21:53	22:30	21°48.04	155°15.0677	DAILY PIT	DEPLOY		XEOS 88 RB02 DEP
<del>66</del>	<del>25</del>	<del>22:53</del>		<del>21°40.09</del>	<del>155°15.01</del>	<del>WW2</del>			<del>XEOS 79 / 78</del>
67	7/25	23:38		21°39.79	155°14.87	WW2			XEOS 79/78
68	7/26	00:20	00:38	21°36.8153	155°15.0082	NT10		300	XEOS 85 / RB 15 / recovery
69	7/26	01:05	01:21	21°34.7134	155°17.2952	NT9		200	XEOS 84 / RB 14 / recovery
70	7/26	01:43	01:56	21°34.0633	155°19.733	NT15		200	XEOS 84 / RB 14 / deploy
* 71	7/26	02:05	02:35	21°33.868	155°19.7589	NT8		175	TM XEOS 83 RB 13 / recovery
72	7/26	02:55	02:58	21°33.7074	155°19.4614	NT14		175	TM XEOS 83 RB 13 deploy
73	7/26	04:22	04:40	21°32.7452	155°23.982	NT5		150	RB10, recovery (TM)
74	7/26	04:50	05:12	21°33.39	155°25.1056	NT 11		150	TM (XEOS 86) deploy
75	7/26	05:19	05:39	21°33.2500	155°25.1871	NT 6		150	Rockblock #12 recovery
76	7/26	06:04		21°34.381	155°23.9114	CTD	11	300	
77	7/26	06:46	06:58	21°34.3758	155°23.9099	NT12		150	RB 15 / XEOS 8
78	7/26	07:05		21°34.2445	155°23.7460	Pump	2	50	Success!
79	7/26	13:07	13:36	21°33	155°23.6384	CTD	12	300	NO Bottles
80	7/26	14:02	14:38	21°37.65	155°24.1643	LIVP		400	on sea mac

XEOS 88 RB 02  
switched deployment

XEOS 85 / RB 15 / recovery

XEOS 84 / RB 14 / recovery

XEOS 84 / RB 14 / deploy

TM XEOS 83 RB 13 / recovery

TM XEOS 83 RB 13 deploy

RB10, recovery (TM)

TM (XEOS 86) deploy

Rockblock #12 recovery

RB 15 / XEOS 8

Success!

NO Bottles

on sea mac

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Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
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97									
98									
99									
100									

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Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									

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\* renamed CTD files from #13 to #12 and #14 to #13 since prior #12 canceled  
 on OTG computer

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121	7/26	15:05	15:46	21°37.1219	155°24.36	gas-PP			Recovery
122	7/26	16:19	16:45	21°36.291	155°23.722	CTD	13	300	
123	7/26	17:00	17:29	21°35.8804	155°23.79	TMCTD	ITM4		TMCTD4
124	7/26	18:45	19:27	21°34.6054	155°25.08	DATUM PIT		XE0583	DATUM PIT <sup>recovery</sup> and <sub>redeploy</sub>
125	7/26	20:05	20:29	21°30.3053	155°28.1644	NT14-XE0583-175m		XE0583	RECOVERY
126	7/26	20:53	21:20	21°30.4316	155°28.9865	NT15-200m		XE0584	RECOVERY
127	7/26	21:42	22:08	21°31.5234	155°31.805	Waveglider			WAVEGLIDER DEPLOY
128	7/26	22:25	22:49	21°31.6653	155°33.6942	NT-12-150m		X85/RB15	recovery
129	7/26	23:00	23:25	21°31.4671	155°33.0194	NT-17-150m		X84/RB14	deploy
130	7/27	00:37	00:27	21°31.2151	155°32.2879	HYPERPRO			2 profiles / yoyo
131	7/27	00:37	00:55	21°31.2152	155°32.2879	NT-18-150		X85/RB15	deploy
132	7/27	01:47	02:12	21°31.1635	155°38.7744	NT-11-TM 150		X86	recovery
133	<del>7/27</del>					<del>TMCTD</del>	<del>TM</del>	<del>X86</del>	<del>deploy</del>
134	7/27					NT-16-150m		X86	deploy TM: N916 ?
135	7/27	02:47		21°31.1201N	155°38.0118W	TMCTD	TM5	530	
136	7/27	05:03	05:34	21°29.203	155°35.159	CTD	14	300	
137	7/27	10:05	10:50	21°29.1036	155°35.2258	CTD	15	200-350	
138	7/27	12:01	12:22	21°29.0950	155°35.2267	WVP		~400	Seamac
139	7/27	12:33	13:03	21°29.1027	155°35.2432	SPC		~200	Seamac
140	7/27	13:13	13:45	21°29.1068	155°35.2590	OPTICS		~200	profile to 200

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141	7/27	15:04	16:52	21°29.1038	155°35.2249	CTD	15	350	
142	7/27	15:02	15:42	21°24.435	155°38.44	TM CTD	—	200	TM 6
143	7/27	16:01	16:54	21°24.485	155°38.5300	CTD	16	300	
144	7/27	17:53	18:52	21°24.8207	155°38.5416W	Maline Snow Catcher	—	SNOW CATCHER	FAILED TO TRIP
145	7/27	19:07	20:05	21°30.3223	155°40.7163	Purity PIT	—		XEOS 88
146	7/27	20:15	20:47	21°30.1935	155°40.2601	TM CTD	—	210	TM 7
147	7/27	21:51	22:15	21°30.2229	155°48.1769	NT 18	—	150m	XEOS 85 / recovery
148	7/27	22:15	22:38	21°30.2040	155°47.2284	NT 21	—	150m	XEOS 85 " deployment
149	7/27	23:09	23:27	21°31.0142	155°49.8386	NT 17	—	150	XEOS 84 <sup>RIS14</sup> recovery
150	7/27	23:30	23:55	21°31.0801	155°49.6606	NT 22	—	150	XEOS 94, RB14, deployment
151	7/28	00:40	00:55	21°33.4609	155°55.1981	NT 16 - TM	—	150	XEOS 86, recovery
152	7/28	00:57	01:15	21°33.5138	155°55.2017	NT 20 - TM	—	150	XEOS 86, deployment
153	7/28	01:31	02:00	21°33.5346	155°47.632	CTD	17 (17)	300	50 samples
154	7/28	02:10	02:37	21°33.6534	155°54.7421	NT 23	—	200	- 3 #13
155	7/28	15:57	16:32	21°35.0788	155°51.3107	CTD	18	300	
156	7/28	05:37	10:06	21°35.6518	155°51.3181	Pump	P3	100	Success!
157	7/28	10:29	11:03	21°35.6852	155°51.3153	MVP	—	~400	Seamac
158	7/28	5	12:43	21°35.8102	155°47.5076	SCP	—	150	Seamac
159	7/28	12:47	13:20	21°35.9413	155°47.513	MVP	—	450	
160	7/28	13:25		21°36.0461	155°47.5241	OPTICS	—	200	Yoyoy



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161	7/28	16:11	16:48	21°31.9924	156°53.6133	CTD	19	200	
162	7/28	17:08	17:48	21°32.0948	155°53.6005	SNOWCAT	CHERC LG.	200	
163	7/28	18:00	18:47	21°32.1113	155°53.5977	TM CTD	TM8	200	
164	7/28	19:21	20:02	21°32.9290	155°56.8586	DAILY PIT	XEOS 83	RB2,3	DAILY PIT SED TRAP
165	7/28	20:52	21:22	21°34.5925	156°03.4497	NT21-150	XEOS 85	150m	NT21 RECOVERY
166	7/28	21:35	21:40	21°34.6238	156°03.445	NT24-150	XEOS 85	150m	NT24 DEPLOY
167	7/28	22:12	22:30	21°36.6543	156°05.4410	NT22	XEOS 84	150m	NT22 Recovery
168	7/28	22:30	23:09	21°36.6470	156°05.6001	NT26	XEOS 84	150m	NT26 Deployment
169	7/28	23:31	23:56	21°40.1578	156°06.7776	NT23	XEOS 83	200m	NT23 Recovery
170	07/29	00:25	00:47	21°41.5498	156°09.7247	NT20(TM)	XEOS 86	150m	NT20(TM) recovery
171	07/29	00:47	01:14	21°41.5526	156°09.6240	NT27(TM)	XEOS 83	175m	NT27(TM) deployment
172	07/29	01:19	01:50	21°41.5676	156°09.1434	NT28(TM)	XEOS 86	300m	NT28(TM) deployment
173	07/29	04:04	04:42	21°33.8938	156°00.2060	CTD	20	500m	
174	07/29	05:04		21°33.9579	156°00.1987	TMCTD	TM9		
175	07/29	06:05	06:40	21°34.086	156°00.180	CTD	21	300	
176	07/29	08:06	09:07	21°33.9462	156°00.216	CTD	22	1000	
177	7/29	10:11	10:46	21°34.049	156°00.1886	CTD	23	350	
178	7/29	11:54	12:26	21°34.0758	156°00.1776	CTD	24	200	Niskin bottle 11 spigot broke
179	7/29	13:50	14:30	21°34.1041	156°00.2609	PP/Gas/16 pk	-	150	XEOS 87/
180	7/29	16:02	16:32	21°37.153	155°59.430	CTD	25	300	

→ 1926 01:29 01:45 21°52.224 156°18.3014 CTD 26 - 200m  
 \*1896 02:00 02:48 21°50.9943 156°17.6559 NT27 not entered  
 recovery, 175m, TM - not entered.

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181	7/29	17:00	17:16	21°31.6028	155°59.5411	MSC	-	45m	Big Catcher
182	7/29	18:06	18:45	21°37.9399	155°59.6036	TMCTD	10	300	TM Rosette
183	7/29	19:40	20:05	21°40.2748	156°10.8041	Daily ST	X88	150	recovery Daily PIT
184	7/29	20:39	21:06	21°43.9667	156°15.369	DAILY ST	XEOS88	150	DAILY PIT DEPLOY
185	7/29	21:26	21:47	21°44.8468	156°16.2030	NT24	XEOS85/RB15	150	recovery
186	7/29	22:00	22:17	21°44.8497	156°16.1243	NT30	X85/RB15	150	deploy /RB battery Δ
187	7/29	23:00	23:30	21°48.8074	156°16.7065	HYPERPPO	-	-	HYPERPPO-02
188	7/29	23:56	00:18	21°49.6119	156°17.0105	NT28	TM	300m	XEOS 86 recovery
*189	7/30	00:18	00:57	21°49.6600	156°16.7030	NT33	-	300m	XEOS 86 deploy
190	7/30	02:48	02:54	21°50.9943	156°17.6559	NT32	TM	200	XEOS 83 RB#13 deploy
191	7/30	03:55	04:10	21°49.8125	156°19.7186	NT26	-	150	XEOS 84/RB#14 recovery
192	7/30	04:15	04:35	21°49.8615	156°19.6080	NT29	TM	150	XEOS 84/RB#14 deploy
193	7/30	04:38	05:38	21°49.8224	156°19.4760	CTD	27	1000	
194	7/30	06:38	13:00	21°45.3113	156°14.7702	Pump	P4	200	7, spools
195	7/30	14:31	14:51	21°42.0569	156°12.4887	CTD	28	200	
196	7/30	15:12	15:43	21°41.3599	156°12.5647	GAS PP Array	-	XEOS87	RECOVERY
197	7/30	17:14				CTD	29	500	
198	7/30	18:15	18:34	21°53.2689	156°12.06	T	TM11	200	
199	7/30	18:50	19:22	21°54.923	156°13.5107	X88	DA	PIT TRAY	24 *
200	7/30	19:35	19:42	"	"		"	X88	DEPL

getting  
ship los

lost  
winch

## KM2112 – PARAGON EVENT LOG (ALL TIMES: GMT)

**TYPE CODE:** ST=Sediment Trap, Array SW = N2 fixation, CTD =CTD, UCTD =underway CTD, SVP drifter, HYP=Hyperpro, OPT=Optics, TM Niskin =Trace metal Niskin (Nick H), Niskin = Starboard 5 L Niskin (Ana C), WW = WireWalker, NT = Net Tow, MTOP = Microtop

Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
201	07/30	20:03	20:24	21°56.6009	156°22.885	NT30		150	Xeos 85 recovery
202	07/30	20:30	20:50	21°57.2370	156°22.4414	NT35		150	Xeos 85 deploy
203	07/30	21:15	21:45	21°58.8039	156°21.9141	NT29(TM)	TM150	150	Xeos 84 recovery (TM)
204	07/30	21:45	20:2	21°58.9144	156°21.8344	NT36(TM)	TM50	50	Xeos 84 deploy TM 50 Float
205	07/30	22:15	22:43	21°58.9063	156°21.6696	TM CTD	TM12	200	
206	07/30	23:20	23:45	21°59.7813	156°21.5643	NT32(TM)	TM	200	Xeos 83 recovery
207	07/31	00:05	00:43	21°57.8347	156°22.8149	NT33		300	Xeos 86 recovery
208	07/31	00:50	01:03	21°58.0377	156°22.5906	NT37	Buoy#9	200	deploy Xeos 83/RB13
209	07/31	01:27	01:36	21°58.0313	156°22.0010	NT38	Buoy#2	TM300	deploy Xeos 86
210	07/31	04:18 <sup>201</sup>	05:02	21°58.9235	156°18.1686	CTD	30	500	
211	07/31	12:01 <sup>202</sup>	12:28	21°59.5069	156°18.1284	UVP	—	~500	speed cast
212	07/31	12:30	12:58	21°59.6061	156°18.0231	SPC	—	~200	
213	07/31	13:03	13:29	21°59.7361	156°17.8958	UVP	—	~500	full speed cast
214	07/31	13:35	14:42	21°59.8674	156°17.8455	OPTICS		200	2x voyo
215	07/31	15:52	16:53	22°02.758	156°25.840	CTD	31	300	LARS trouble? - belly pack
216	07/31	17:21	18:02	22°03.3323	156°25.8389	Marine Snow Collector (Large)	7		Message closed MSC 07:32 Seamie broke, entire sample lost
217	07/31	18:10	18:40	22°03.3048	156°25.9534	TM CTD	TM13	550	TM WINCH
218	7/31	19:30	19:48	22°05.6330	156°27.1335	X88 DAILY PIT TRAP		150	USING CARSTAN / SEMAC
219	7/31	19:50	20:05:11	22°05.6351	156°27.1088	X88 DAILY PIT		150	DEPLOY
220	7/31	20:40	21:03	22°04.1230	156°23.4567	X86 : NT38	TM300		RECOVERED NT38/RB3

\* N32 TM NEEDED TO BE HELD ON DECK UNTIL NEXT NET RECOVERED TO SWAP LINE  
\* N33 TM SAME DEAL

2007-12-18  
22:30

## KM2112 – PARAGON

### EVENT LOG (ALL TIMES: GMT)

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Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
221	7/31	21:04	21:44	22°04.2413	156°23.2837	NT 42 - 300m Reg.	X86		DEPLOY (Float #2)
222	7/31	22:09	22:30	22°06.5632	156°23.6160	NT 37 - 200m Reg	X83		Recover
223	7/31	22:30	22:44	22°06.6720	156°23.4247	NT 39	150 Reg	X83	DEPLOY
224	7/31	23:00	23:25	22°06.7402	156°22.8076	TM CTD	TM14	1200	Recovery
225	8/1	00:03	00:22	22°09.1552	156°24.6533	NT 35	X85	150m Reg	Recovery
226	8/1	00:30	00:41	22°09.3153	156°24.2761	NT 40	X85	150m	DEPLOY <span style="float: right;">Float #4</span>
227	8/1	01:03	01:20	22°09.1476	156°24.5966	NT 36	X84, 54M	50m TM	Recovery - ripped to shreds <span style="float: right;">Float 1</span>
228	8/1	01:35	02:01	22°09.1172	156°23.6453	UVP		~500m	
229	8/1	04:05		22°09.955	156°21.107	CTD	32	300	
230	8/1	06:28	11:30	22°10.915	156°21.618	Pump	P5	130	DCM, sharks
231	8/1	11:42	12:23	22°11.3828	156°21.2320	CTD	33	500	#11 DID NOT FIRE
232	8/1	12:37	13:20	22°11.4718	156°20.8447	SPG	—		yo-yo - 1 slow 1 fast
233	8/1	13:25	13:54	22°11.6869	156°20.8191	UVP			
234	8/1	14:02	15:13	22°11.7696	156°20.3664	OPTICS	200m		yo-yo 2 up 2 down
235	8/1	16:13	16:48	22°14.463	156°9.046	CTD	34	300	Will didn't trap
236	8/1	18:00	18:33	22°14.2834	156°19.1690	TM CTD	TM15	350	
237	8/1	18:53	18:55	22°15.6000	156°22.3068	NT 40		150	Recovery (X85)
238	8/1	19:10	19:40	22°15.6660	156°22.0496	NT 43		150	Deployed (X85)
239	8/1	20:07	20:30	22°14.263	156°26.7004	DAIKY PIT TRAP		150	X88 primary
240	8/1	20:35	20:52	22°14.268	156°26.7096	" "	" "	150	DEPLOY

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Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
241	8/1	21:38	21:58	22°14.4129	156°20.4630	NT 39	—	150	X83 RECOVERY
242	8/1	21:50	—	22°14.5018	156°20.3229	NT 44	—	150	X83 DEPLOY
243	8/1	22:47	23:15	22°12.0214	156°23.10151	NT 42	—	300	X86 Recover
244	8/1	23:41	—	22°12.7079	156°23.3276	NT 47	—	300	X86 Deploy
245	8/2	0000	0014	22°12.3141	156°20.4414	NT 46 Trace metal	—	200	X84 Deploy
246	8/2	0100		22°12.4714	156°21.8500	UVP	—	~300	Recovered and redeployed due to failure in line
247	8/2	0130	0207	22°12.6762	156°21.7950	CTD	35	350	
248	8/2	0400	0440	22°00.1124	156°17.5616	CTD	36	300	
249	8/2	04:50	0500	22°00.3276	156°17.0610	Prof: Float			line broke on deployment
250	8/2	05:00		22°00.4115	156°17.053	Pump	P 6	50	easy pcasy
251	8/02	10:32	1108	22°8.112	156°15.727	CTD	37	350	
252	8/02	1208	13:09	22°11.4118	156°15.434	CTD	38	300	
253	8/2	14:10	1445	22°11.7648	156°15.4404	PP/GMS Array	X87	150	deploy X87
254	8/2	15:44	16:20	22°14.3448	156°14.8892	CTD - Diver	39	300m	
255	8/2	17:53	1825	22°14.4511	156°14.9112	TM CTD	TM16	250	
256	8/2	19:00	1915	22°19.1084	156°14.3298	NT 44		150	recovery (X83)
257	8/2	19:35	1957	11	11	NT 48		150	deploy (X83)
258	8/2	20:30	20:39	22°21.774	156°17.2055	NT 43		150	recovery (X85)
259	8/2	20:50	2102	22°21.7649	156°17.1323	NT 49		150	deploy (X85)
260	8/2	22:00	22:21	22°21.9011	156°23.5574	DMUP PRT TRAP			Recover (X80)

22:21

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Event #	Date (GMT)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
261	8/2	22:25	22:36	22°21.8719	156°23.3121	X88 DAVIS AT TRAP			FINAL DEPLOY
262	8/2	23:07	23:45	22°19.1999	156°22.2473	HYPER PRO YOYOT Profile			FINAL HYPERPRO
263	8/2	23:50	00:35	22°17.2691	156°21.1835	X86 -NT42 -300m			RECOVER
264	8/3	01:05	01:20	22°18.1231	156°18.2593	X84 -NT46 - 200mTM			RECOVER
265	8/3	01:23	01:51	22°18.1572	156°18.2199	CTD	40	300	
266	8/3	04:00	04:31	22°18.190	156°17.983	CTD	41	300	
267	8/3	04:41	04:50	22°18.3795	156°17.9974	NetTow	6-1580	5	surf. net 15min 3sec
268	8/3	08:35	09:02	22°18.5375	156°16.6223	NetTow			Surf net
269	8/3	09:13	09:31	22°18.5375	156°16.6223	NetTow			Surf net
270	8/3	07:17	07:39	22°18.457	156°17.374	CTD	42	200	
271	8/3	15:18	15:48	22°13.9284	156°11.2637	X87 - UAS ARRAY / PP			FINAL RECOVERY 1-5m 14C lost
272	8/3	18:28	18:50	22°09.3423	156°32.5131	TM CTD	TM17	200	ACCIDENTALLY CLEARED DATA
273	8/3	18:57	19:50	22°09.3886	156°32.5131	CTD	43	500	
274	8/3	20:30	20:56	22°10.3958	156°31.6164	SEA GLIDER 513			Recovery
275	8/3	23:14	23:30	22°13.9066	156°10.5929	Net Trap	Net#48	150	Recovery
276	8/4	00:01	00:32	22°24.4036	156°10.8810	Net Trap	Net#49	150	Recovery
277	8/4	00:40	00:57	22°24.4115	156°10.8435	CONTROL NET TRAP	NET#50	150	TRIP ON LINE AS CONTROL
278	8/4						DRIFTING	150	
279	8/4	03:00	03:32	22°25.4428	156°16.6864	IRSC	IRSC		X805 268 recovered
280	8/4	04:06	04:52	22°25.5271	156°16.5829	CTD	44	750	

