

KM2209 – PARAGON 2

EVENT LOG (ALL TIMES: UTC)

TYPE CODE: LTST= Long term sed trap, DST=Daily Sediment Trap, PITH=Pit an Hour, N2= N2 Array, PP = PP Array, CTD =CTD, UCTD =underway CTD, HYP=Hyperpro, OPT=Optics, TMR =Trace metal rosette, WW = WireWalker, NTOW= Net Tow, NT = net trap, MSC=Marine Snow Catcher, IRSC= IRSC array, SPC= SPC

Event #	Date (UTC)	Time Start	Time End	Latitude N	Longitude W	Type	Cast #	Cast Depth	Comments (Xeos #)
1	08.05.22	00:44	01:30	21°22.92381	157°18.3316	TMR	SITM1	500m	All bottles fixed 150m
2	08.05.22	02:05	02:40	21°23.0519	157°18.42816	CTD	SIC1	500m	All bottles fixed at 500m
3	08.05.22	1448	1509	22°33.617	155°22.854	UCTD	Dummy Probe	400m	Dummy Probe
4	08.05.22	1522	1532	22°35.895	155°18.064	UCTD	#2	400m	Readjusted brakes
5	08.05.22	1539	1549	22°37.401	155°15.981	UCTD	#3	400m	Lookin' Good!
6	8/5/22	1601	1611	22°39.348	155°13.621	UCTD	#4	400m	
7	8/5/22	1619	1629	22°41.064	155°11.505	UCTD	#5	400m	
8	8/5/22	1639	1649	22°42.86	155°09.159	UCTD	#6	400m	Bumper lost
9	8/5/22	1700	1710	22°44.722	155°06.638	UCTD	#7	400m	
10	8/5/22	1720	1730	22°46.011	155°01.213	UCTD	#8	400m	
11	8/5/22	1742	1752	22°47.315	155°01.305	UCTD	#9	400m	
12	8/5/22	1821	1843	22°51.733	154°57.782	UCTD	#10	400m	
13	8/5/22	1850	1902	22°53.160	154°56.348	UCTD	#11	400m	
14	8/5/22	1911	1921	22°50.835	154°57.807	UCTD	#12	400m	
15	8/5/22	1937	1945	22°49.790	154°59.746	UCTD	#13	400m	
16	8/5/22	2000	2025	22°46.852	154°00.1447	WW	1	400m	80330 (Xeos 83+86)
17	8/5/22	2041	2050	22°48.316	154°58.866	UCTD	#14	400m	
18	8/5/22	2102	2112	22°50.564	154°56.920	UCTD	#15	400m	
19	8/5/22	2222	2232	22°52.626	154°55.124	UCTD	#16	400m	
20	8/5/22	1140	1151	22°54.357	154°56.468	UCTD	#17	400m	

ALL TIMES
UTC (CON TUS)

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Event #	Date (UTC)	Time Start	Time End	Latitude	Longitude (W)	Type	Cast #	Cast Depth	Comments
21	8/5/22	21:57	22:10	22 56.468	154° 51.664	UCTD	18	400	
22	8/5/22	22:18	22:28	22 58.459	154° 49.798	UCTD	19	400	
23	8/5/22	22:37	22:47	23 00.140	154° 47.876	UCTD	20	400	
24	8/5/22	23:14	23:24	23 03.278	154° 43.997	UCTD	21	400	
25	8/5/22	23:42	23:52	23 05.728	154° 40.845	UCTD	22	400	
26	8/5/22	00:04	00:14	23 07.716	154° 38.439	UCTD	23	400	
27	8/5/22	00:26	00:36	23 04.769	154° 36.132	UCTD	24	400	
28	8/5/22	00:48	00:58	23 12.649	154° 35.910	UCTD	25	400	
29	8/5/22	01:10	01:20	23 15.627	154° 36.120	UCTD	26	400	
30	8/5/22	01:30	01:40	23 18.149	154° 36.271	UCTD	27	400	
31	8/5/22	01:50	02:01	23 20.793	154° 36.422	UCTD	28	400	
32	8/5/22	02:08	02:18	23 23.040	154° 36.523	UCTD	29	400	
33	8/6/22	02:30	02:45	23° 25.3078	154° 36.5904	WW#2	30	400	XEOS 77+80
34	8/6/22	03:10	03:40	23° 25.0115	154° 36.4755	TMR	SZTMI	500	
35	8/6/22	04:00	04:25	23° 24.9364	154° 36.5103	IRSC	-	150m 195B	XEOS 266 (156.425 MHz) / RB 08
36	8/6/22	04:46		23° 24.5005	154° 36.3190	CTD	SORCEP	500	
37	8/6/22	05:30	07:17	23° 24.3558	154° 36.4022	LT PTH	-	500	XEOS 79 (156.425 MHz) / RB-2, 3
38	8/6/22	8:50	8:55	23° 25.3923	154° 36.6888	NET ^{Caron}	-	5m	
39	8/6/22	9:10	9:40	23° 25.3923	154° 36.6888	NET ^{Caron}	-	150m	
40	8/6/22	10:20	10:35	23° 25.3923	154° 36.6888	SPC	-	300m	

Radio Freq

EVENT LOG (ALL TIMES: UTC)

LVP = Large Volume POM

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Event #	Date (UTC)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
41	08/06	11:27	12:32	23° 25.981	154° 36.683	CTD	S0202	200	Optics 40401-UVP, 40423
42	08/06	13:04	14:00	23° 25.981	154° 36.683	CTD	S0203	1000	
43	08/06	15:02	15:37	23° 25.377	154° 36.351	DAILY PIT			150m DAILY PIT (Yeos 84 + 85)
44	08/06	19:00		23° 24.710	154° 37.698	SEA GLIDER			
45	08/06	19:56	20:45	23° 24.671	154° 37.698	TMR	SZTM2	500	
46	08/06	20:56	21:27	23° 24.650	154° 37.667	NET TOW	NTOW1	Surface	50 μm mesh
47	08/06	21:45	22:20	23° 24.599	154° 37.264	HPR0	01	200	Hyperpro
48	08/07	00:01		23° 24.637	154° 37.125	CTD	S0204	200	SD CAST, UVP
49	8/7	00:55:19	00:00:00	23° 24.645	154° 37.123	NET TOW		5m	
50	8/07	05:00		23° 24.915	154° 37.468	LVP		5m	
51	08/07	08:57	09:11	23° 25.205	154° 37.822	NET TOW	NTOW2	Surface	50 μm mesh
52	08/07	10:30	10:38	23° 25.153	154° 37.523	Snow Catcher	MSC01	60m	60m snow catcher
53	08/07	11:57	12:45	23° 25.150	154° 37.529	CTD	S0205	500m	PP + UVP, chl, O ₂ , FCM, DIC
54	08/07	13:47	14:30	23° 25.123	154° 37.518	TMR	SZTM3	500m	
55	08/07	14:30	15:00	23° 24.982	154° 37.534	PP			6 depths (5-125m) DEPLOY X408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500
56	08/07	16:40	17:00	23° 22.5	154° 37.6	DAILY PIT	-		RECOVER (X405 84+85)
57	08/07	17:14	17:35	23° 22.7	154° 37.1	DAILY PIT	-		REDEPLOY (X405 84+85) #2
58	08/07	18:19	18:21	23° 22.283	154° 36.350	NT1		150	Deploy (RB 15 + X78) TM NET → RELEASE 69
59	08/07	18:37	18:54	23° 22.293	154° 35.854	NT2		150	DEPLOY (RB 16 + 17) RELEASE 91
60	08/07	20:30	21:00	23° 21.737	154° 37.433	CTD	S0206	500	SZC6

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61	8/7/22	22:17	22:21	23° 21.7905'	154° 37.2400'	CamTow Net		surface	
62	8/8/22	00:02	00:34	23° 21.8278' N	154° 37.2244' W	CTD	S2C7	500	WP, SD
63	8/8/22	05:17	05:32	23° 23.7733	154° 38.3194	PP array	recovery		
64	8/8/22	10:44	11:06	23° 23.1794	154° 38.4091	CTD	S2C8	500	
65	8/8	11:57	12:45	23° 23.1268	154° 38.4293	CTD	S2C9	500	GAS ARRIVAL + UVP
66	8/8	14:15	14:34	23° 19.248	154° 38.6997	MAS Array	24h Array		X88, X267, RBS
67	8/8	14:57	15:45	23° 19.1390	154° 38.6481	TMCCTD	S2TM4	500m	
68	8/8	15:59	16:57	23° 18.7411	154° 38.3002	CTD	S2C10	500m	UVP
69	08/08	18:15	3 ⁺ hr operation			NT	TM NET		PETTY NETTY LOST
70	8/8	23:00	23:23	23° 16.0136	154° 37.5009	NT		150	Net reached, redeployed
71	8/8	00:48	01:28	23° 17.3001	154° 38.8293	CTD	S2C11	500	
72	8/9/22	23:50	00:15	23° 17.4288	154° 39.2252	DAILY PIT			PIT-A-DAY #2 in / #3 out
73	08/09	01:56	02:22	23° 17.2398	154° 38.8431	MSC			MSC02
74	08/09	02:33		23° 17.1577	154° 39.7515	NTOW			
75	08/09	04:38	05:40	23° 17.8648	154° 39.6098	CTD	S02C12	500	
76	08/09	06:00	06:15	23° 17.8265	154° 39.6753	CamTow Net		surface	
77	08/09	06:27	06:40	23° 17.8265	154° 39.6753	Net Tow		150	
78	08/09	07:01	07:23	23° 17.8564	154° 39.6808	SPC		200	
79	08/09	10:15	11:36	23° 17.8481	154° 39.3292	OPTICS		200	LISST + UVP
80	08/09	12:08	13:26	23° 17.8819	154° 39.3083	CamTow Net		150	

R3 16:17
Release 69

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Event #	Date (UTC)	Time Start	Time End	Latitude	Longitude	Type	Cast #	Cast Depth	Comments
81	08/09	13:25	13:39	23° 14.890?	154° 37.3256	Caron Net tow		surface	hand net
82	8/9	14:15	14:40	23° 19.248	154° 38.6937	GAS Array			recovery
83	8/9	15:40	16:13	23° 15.9503	154° 40.9836	CTD	S2C14	500m	bottle 12 m SSC
84	8/9	00:08	00:56	23° 14.8°	154° 42.6	WW2			wirewalker 2 recovery
85	8/10	01:36	02:05	23° 13.4761	154° 41.6079	DAILY PIT			DAILY PIT RECOVERY (#3 recovered)
86	8/10	02:48	04:05	23° 16.2202	154° 39.9261	LT PIT			LONG TERM PIT RECOVERY
87	8/10	06:09	06:46	23° 11.181	154° 48.4473	Caron NET TOW		surface	HAND NET (PK, JB, SG, SA)
88	8/10	08:04:00	08:48	23° 10.9377N	154° 48.4250	Caron Net tow		Surface	hand net (8 tows)
89	8/10	08:55	09:15	23° 10.9055	154° 48.4351	Net tow		Surface	1mm hand net for EG
90	8/10	11:50	12:10	23° 10.9779	154° 48.3124	Caron Net tow		Surface	1mm hand net
91	8/10	18:20	19:04	23° 07.6	154° 47.3	IRSC		150m	recovery IRSC
92	8/10	19:24	20:27	23° 05.8033	154° 43.2660	NET TRAP RECO		150m	recovery Net Trap
93	8/10	22:15	22:45	23° 09.1110	154° 46.0657	PIT/HR		150m	recovery PIT an hour
94	8/11	04:30	05:12	23° 17.6287	155° 19.9722	WW1			recovery WW1
95	8/11		07:15	23° 17.4447	155° 19.4458	CTD	S3C01	500m	
96	8/11	08:15	09:33	23° 17.5051	155° 19.440	Caron Net tow		Surface	Hand net (PK)
97	08/11	09:14	10:20	23° 17.462	155° 19.446	CTD	S03C02	500	events 98-106
98	8/11	00:08	00:18	23° 11.828	154° 56.692	UCTD	30	400	should be before
99	8/11	00:28	00:38	23° 12.513	154° 59.207	UCTD	31	400	event 95
100	8/11	00:45	00:55	23° 12.1702	154° 01.5335	UCTD	32	400	Sorry!!!

UCTD

