

*	DATE	TIME	TD	Lat	Lon	DEP	ST	GCO	LSPD	SCO	SSPD	CRT (D)	CRT (S)	DIST	COMMENT
*	140513	1400	+9:00	35-19.1507 N	139-39.0556 E	0.00		236.7	0.21	149.1	0.70	0.0	0.0	0.00	
*	140513	1430	+9:00	35-18.6283 N	139-43.2178 E	0.00		139.9	12.05	143.2	11.40	358.8	1.4	3.53	
*	140513	1500	+9:00	35-13.7603 N	139-46.4666 E	0.00		179.1	11.78	177.8	12.10	32.1	0.6	9.32	
*	140513	1530	+9:00	35-07.8522 N	139-44.9829 E	0.00		195.8	11.57	196.6	12.10	4.1	0.1	15.21	
*	140513	1600	+9:00	35-02.8430 N	139-41.2015 E	0.00		198.4	11.45	198.0	11.60	5.7	0.4	20.97	
*	140513	1630	+9:00	34-57.4557 N	139-40.7362 E	0.00		167.3	11.06	165.6	11.30	18.5	0.9	26.58	
*	140513	1700	+9:00	34-51.9005 N	139-42.3965 E	0.00		167.5	10.80	167.6	11.80	163.5	0.1	32.06	
*	140513	1730	+9:00	34-46.3536 N	139-43.9409 E	0.00		166.7	11.18	167.0	11.30	31.2	0.7	37.53	
*	140513	1800	+9:00	34-41.2572 N	139-45.6251 E	2355.21		167.2	10.77	158.8	10.00	31.2	1.9	43.09	
*	140513	1830	+9:00	34-36.3990 N	139-47.6595 E	2011.86		167.0	11.30	162.9	10.10	19.6	1.6	48.64	
*	140513	1900	+9:00	34-31.5856 N	139-49.3789 E	1866.18		167.4	11.04	162.8	9.90	9.7	1.9	54.23	
*	140513	1930	+9:00	34-27.1275 N	139-51.5046 E	1452.33		161.7	11.45	158.0	9.50	4.4	2.5	59.91	
*	140513	2000	+9:00	34-22.6404 N	139-53.7485 E	1549.53		162.5	11.15	159.0	9.80	358.6	2.1	65.59	
*	140513	2030	+9:00	34-18.1681 N	139-56.1209 E	1376.40		162.2	11.21	156.2	9.70	14.4	2.1	71.23	
*	140513	2100	+9:00	34-13.7321 N	139-58.4730 E	1323.65		162.1	11.21	155.3	9.60	18.1	2.2	76.84	
*	140513	2130	+9:00	34-09.2589 N	140-00.8058 E	1324.13		162.2	10.93	157.4	9.80	18.9	1.8	82.36	
*	140513	2200	+9:00	34-04.7001 N	140-03.0970 E	1253.51		162.7	10.76	158.9	10.10	26.5	1.6	87.81	
*	140513	2230	+9:00	33-59.9805 N	140-05.3821 E	0.00		161.7	10.54	159.0	10.10	31.1	0.7	93.14	
*	140513	2300	+9:00	33-55.0915 N	140-07.4674 E	736.39		162.4	10.65	160.6	10.30	10.9	0.5	98.45	
*	140513	2330	+9:00	33-50.1221 N	140-09.4659 E	339.34		161.4	10.38	160.9	10.20	287.2	0.1	103.70	
*	140514	0000	+9:00	33-45.2899 N	140-12.0008 E	551.25		149.9	10.75	149.9	11.10	283.6	0.2	108.87	
*	140514	0030	+9:00	33-40.7567 N	140-15.3101 E	495.99		146.5	10.59	145.2	10.80	82.7	0.1	114.16	
*	140514	0100	+9:00	33-36.4680 N	140-19.1328 E	0.00		136.0	10.17	138.0	11.00	196.2	0.6	119.38	
*	140514	0130	+9:00	33-32.4997 N	140-23.6869 E	636.65		124.5	10.27	129.6	11.40	192.9	0.8	124.55	
*	140514	0200	+9:00	33-29.1528 N	140-28.6890 E	982.39		124.6	10.88	129.3	11.20	219.6	0.8	129.82	
*	140514	0230	+9:00	33-26.1333 N	140-34.0013 E	1270.55		121.8	10.85	120.8	10.90	339.3	0.3	135.09	
*	140514	0300	+9:00	33-23.8424 N	140-39.9275 E	1412.69		121.1	10.92	111.5	11.30	25.5	2.1	140.54	
*	140514	0330	+9:00	33-21.5106 N	140-45.9952 E	1609.06		125.7	11.26	116.9	10.90	20.4	1.6	146.07	
*	140514	0400	+9:00	33-18.8380 N	140-51.9786 E	1936.27		125.3	11.57	120.7	11.50	19.7	1.5	151.82	
*	140514	0430	+9:00	33-15.8903 N	140-57.9685 E	2580.38		125.1	11.62	120.3	11.80	22.3	1.0	157.59	
*	140514	0500	+9:00	33-12.8194 N	141-03.8673 E	2680.25		125.2	11.66	122.6	11.70	23.2	0.7	163.35	
*	140514	0530	+9:00	33-09.6800 N	141-09.7505 E	2803.53		126.3	11.85	122.6	11.80	19.2	0.7	169.09	
*	140514	0600	+9:00	33-06.5625 N	141-15.5643 E	3333.98		123.6	11.39	122.1	11.80	29.2	0.5	174.85	
*	140514	0700	+9:00	32-59.8532 N	141-27.4439 E	4653.47		127.3	11.07	125.6	12.20	102.2	0.6	186.15	
*	140514	0730	+9:00	32-56.5736 N	141-33.4037 E	5695.87		125.4	11.38	122.6	11.80	20.4	0.6	191.83	

*	140514	0800	+9:00	32-53.4651 N	141-39.1345 E	6811.78		125.9	11.10	124.5	11.60	24.6	0.5	197.55	
*	140514	0830	+9:00	32-50.3528 N	141-44.8769 E	6942.70		123.8	11.34	122.2	11.60	10.8	0.6	203.24	
*	140514	0900	+9:00	32-47.3150 N	141-50.5149 E	6773.32		125.8	11.30	123.9	11.00	347.4	0.6	208.95	
*	140514	0930	+9:00	32-44.2555 N	141-56.0724 E	7491.66		127.0	11.16	124.1	11.30	10.7	0.6	214.60	
*	140514	1000	+9:00	32-41.1042 N	142-01.6551 E	0.00		126.7	11.24	122.2	11.40	62.8	0.6	220.22	
*	140514	1030	+9:00	32-38.0349 N	142-07.5279 E	7325.24		125.2	11.24	121.2	11.90	63.4	0.5	225.86	
*	140514	1100	+9:00	32-34.9719 N	142-13.5412 E	7547.35		124.1	11.22	122.2	11.80	75.1	0.7	231.51	
*	140514	1130	+9:00	32-31.9027 N	142-19.4826 E	8412.70		124.9	11.34	122.3	11.90	52.7	0.7	237.15	
*	140514	1230	+9:00	32-25.6684 N	142-31.4530 E	7622.69		126.0	11.40	121.8	11.90	69.4	0.7	248.50	
*	140514	1300	+9:00	32-22.4460 N	142-37.5392 E	6357.68		126.3	11.40	124.0	12.40	93.0	0.6	254.24	
*	140514	1330	+9:00	32-19.1007 N	142-43.7336 E	5942.04		124.1	11.54	122.3	12.70	98.9	0.8	260.02	
*	140514	1400	+9:00	32-15.6790 N	142-50.0307 E	5882.56		124.4	11.61	122.6	12.80	108.1	1.0	265.83	
*	140514	1430	+9:00	32-12.2490 N	142-56.4013 E	5724.23		125.0	11.55	123.3	12.70	92.9	0.8	271.65	
*	140514	1500	+9:00	32-08.7370 N	143-02.5397 E	5625.80		123.8	11.61	124.6	12.40	124.4	0.3	277.47	
*	140514	1530	+9:00	32-05.3364 N	143-08.4816 E	5594.96		126.2	11.74	125.6	12.10	111.6	0.2	283.29	
*	140514	1600	+9:00	32-01.8750 N	143-14.3696 E	5631.86		124.0	11.68	124.9	12.10	140.0	0.3	289.11	
*	140514	1630	+9:00	31-58.4433 N	143-20.2432 E	5670.41		124.0	11.47	122.3	12.20	122.6	0.4	294.90	
*	140514	1700	+9:00	31-55.1518 N	143-26.2647 E	5713.28		125.4	11.73	123.7	12.00	74.8	0.3	300.71	
*	140514	1730	+9:00	31-51.7092 N	143-31.9971 E	5741.79		124.9	11.63	127.6	12.00	219.3	0.6	306.50	
*	140514	1800	+9:00	31-48.0704 N	143-37.4576 E	5788.75		125.5	11.34	127.9	11.50	232.3	0.6	312.28	
*	140514	1830	+9:00	31-44.6631 N	143-42.9661 E	5935.56		124.6	11.64	124.2	11.40	250.5	0.4	318.05	
*	140514	1900	+9:00	31-41.4126 N	143-48.3565 E	5928.06		123.3	11.53	125.3	11.10	273.4	0.7	323.83	
*	140514	1930	+9:00	31-38.2128 N	143-53.5543 E	5894.91		123.7	11.48	125.7	10.70	283.5	0.9	329.61	
*	140514	2000	+9:00	31-34.9803 N	143-58.6448 E	5812.00		126.2	11.75	127.3	11.00	291.2	1.0	335.40	
*	140514	2030	+9:00	31-31.8393 N	144-03.9762 E	5797.98		123.7	11.45	124.7	11.30	293.8	0.7	341.20	
*	140514	2130	+9:00	31-25.6172 N	144-14.7783 E	5831.08		124.6	11.51	123.6	11.00	302.9	0.5	352.79	
*	140514	2200	+9:00	31-22.4768 N	144-20.1887 E	5788.39		125.3	11.56	123.6	11.20	294.3	0.3	358.58	
*	140514	2300	+9:00	31-16.2169 N	144-31.1214 E	5733.35		126.3	11.67	124.9	11.30	276.2	0.4	370.17	
*	140514	2330	+9:00	31-13.0898 N	144-36.6516 E	5688.58		124.2	11.60	122.3	11.40	271.5	0.5	375.93	
*	140515	0000	+9:00	31-10.0156 N	144-42.1847 E	5641.07		123.1	11.61	123.0	11.30	271.0	0.1	381.70	
*	140515	0030	+9:00	31-06.9256 N	144-47.7087 E	5641.20		125.6	11.61	123.7	11.60	256.2	0.3	387.45	
*	140515	0100	+9:00	31-03.8455 N	144-53.3995 E	5510.67		125.8	11.50	122.9	11.50	292.6	0.3	393.20	
*	140515	0130	+9:00	31-00.7436 N	144-59.0686 E	5993.89		124.6	11.59	121.3	11.50	287.2	0.4	398.96	
*	140515	0200	+9:00	30-57.6308 N	145-04.6984 E	5951.81		125.7	11.48	122.5	11.50	315.4	0.3	404.72	
*	140515	0230	+9:00	30-54.5057 N	145-10.3133 E	5958.03		125.2	11.27	123.1	11.30	312.4	0.2	410.45	
*	140515	0300	+9:00	30-51.3679 N	145-15.8823 E	5543.58		124.5	11.42	123.3	11.60	245.0	0.2	416.15	
*	140515	0330	+9:00	30-48.2434 N	145-21.4816 E	5772.55		124.9	11.47	123.1	11.60	282.3	0.2	421.84	
*	140515	0400	+9:00	30-45.1931 N	145-27.2120 E	6197.34		124.3	11.51	121.6	11.70	53.8	0.1	427.54	

*	140515	0430	+9:00	30-42.0758 N	145-33.0578 E	6024.21		127.1	11.35	123.5	12.00	76.0	0.6	433.25	
*	140515	0500	+9:00	30-38.8629 N	145-38.7211 E	6034.43		130.6	11.38	126.5	11.50	66.6	0.7	438.93	
*	140515	0530	+9:00	30-35.6096 N	145-44.1002 E	6028.16		130.0	11.16	124.6	11.10	51.5	0.7	444.58	
*	140515	0600	+9:00	30-32.4888 N	145-49.2576 E	6036.32		129.3	11.06	125.1	10.90	33.6	0.5	450.13	
*	140515	0630	+9:00	30-29.3502 N	145-54.5657 E	6093.20		130.4	11.06	123.2	11.20	57.4	0.6	455.68	
*	140515	0700	+9:00	30-25.7125 N	145-59.4224 E	6116.10		135.7	11.05	131.8	11.20	86.7	0.2	461.18	
*	140515	0730	+9:00	30-22.0843 N	146-04.1061 E	5989.40		135.5	10.64	129.2	10.50	67.5	0.5	466.61	
*	140515	0800	+9:00	30-18.6500 N	146-08.8471 E	5998.17		134.2	10.72	130.2	10.90	69.5	0.4	471.92	
*	140515	0830	+9:00	30-15.1735 N	146-13.6088 E	6036.82		134.4	10.75	129.9	10.70	103.2	0.6	477.28	
*	140515	0900	+9:00	30-11.6107 N	146-18.2819 E	5988.63		138.1	10.71	134.4	10.70	104.8	0.3	482.64	
*	140515	0930	+9:00	30-07.8705 N	146-22.7400 E	6031.08		135.9	10.63	130.1	10.70	40.8	0.2	487.96	
*	140515	1030	+9:00	30-00.7725 N	146-32.0910 E	6114.37		134.8	10.82	133.9	10.80	248.7	0.3	498.66	
*	140515	1100	+9:00	29-57.1083 N	146-36.5861 E	6114.50		135.7	10.79	135.1	10.80	196.9	0.4	504.01	
*	140515	1130	+9:00	29-53.3091 N	146-41.0489 E	6149.42		135.2	10.67	135.4	11.00	211.2	0.4	509.39	
*	140515	1200	+9:00	29-50.1383 N	146-44.7014 E	6168.93		140.0	6.49	135.5	6.90	220.3	0.1	513.80	
*	140515	1230	+9:00	29-49.4777 N	146-45.3320 E	6178.75		214.1	0.14	145.8	0.10	259.7	0.2	514.67	
	140515	1234	+9:00	29-49.4778 N	146-45.3315 E	6178.61	M7	215.2	0.18	287.3	0.10	282.6	0.4	514.68	STARTED TESTING FOR RELEASER
	140515	1300	+9:00	29-49.4788 N	146-45.3319 E	6178.60		216.2	0.14	261.3	0.10	256.3	0.3	514.73	
	140515	1301	+9:00	29-49.4774 N	146-45.3314 E	6179.97		210.7	0.20	159.2	0.30	242.2	0.3	514.73	
	140515	1302	+9:00	29-49.4776 N	146-45.3316 E	6179.52		209.1	0.07	358.2	0.00	32.5	2.0	514.73	
	140515	1303	+9:00	29-49.4776 N	146-45.3316 E	6179.26		209.4	0.12	125.5	0.20	274.0	0.2	514.73	
	140515	1304	+9:00	29-49.4785 N	146-45.3319 E	6179.21		209.9	0.05	9.3	0.20	290.3	0.1	514.73	
	140515	1305	+9:00	29-49.4783 N	146-45.3310 E	6178.65		212.0	0.08	338.7	0.20	258.0	0.2	514.73	
	140515	1306	+9:00	29-49.4781 N	146-45.3328 E	6178.90		208.8	0.09	102.0	0.10	255.7	0.3	514.74	
	140515	1307	+9:00	29-49.4782 N	146-45.3318 E	6178.76		209.5	0.24	213.4	0.10	263.8	0.3	514.74	
	140515	1308	+9:00	29-49.4785 N	146-45.3311 E	6178.53		209.3	0.20	272.1	0.00	264.4	0.3	514.74	
	140515	1309	+9:00	29-49.4777 N	146-45.3319 E	6178.65		209.4	0.26	143.8	0.20	230.8	0.2	514.74	
	140515	1310	+9:00	29-49.4778 N	146-45.3319 E	6178.62		209.7	0.08	341.5	0.20	244.7	0.2	514.75	
	140515	1311	+9:00	29-49.4772 N	146-45.3319 E	6178.66		209.6	0.13	158.9	0.10	256.1	0.3	514.75	
	140515	1312	+9:00	29-49.4784 N	146-45.3323 E	6178.74		210.7	0.01	6.8	0.20	252.5	0.3	514.75	
	140515	1313	+9:00	29-49.4776 N	146-45.3317 E	6178.66		209.7	0.09	215.4	0.10	279.6	0.3	514.75	
	140515	1314	+9:00	29-49.4788 N	146-45.3328 E	6178.83		208.9	0.09	95.1	0.20	257.7	0.2	514.75	
	140515	1315	+9:00	29-49.4770 N	146-45.3315 E	6178.62		209.5	0.20	185.9	0.10	265.4	0.4	514.76	
	140515	1316	+9:00	29-49.4779 N	146-45.3310 E	6178.88		208.8	0.00	173.2	0.10	267.9	0.2	514.76	
	140515	1317	+9:00	29-49.4778 N	146-45.3312 E	6178.87		210.7	0.03	298.6	0.10	271.9	0.3	514.76	
	140515	1318	+9:00	29-49.4779 N	146-45.3318 E	6178.92		211.1	0.12	213.8	0.10	260.0	0.2	514.76	
	140515	1319	+9:00	29-49.4785 N	146-45.3319 E	6178.89		209.9	0.14	189.5	0.10	268.1	0.3	514.76	
	140515	1320	+9:00	29-49.4773 N	146-45.3318 E	6178.56		208.8	0.13	159.5	0.10	282.1	0.3	514.76	

	140515	1320	+9:00	29-49.4777 N	146-45.3322 E	0.00	M7	0.0	0.13	293.1	0.20	0.0	0.0	514.76	FINISHED TESTING FOR RELEASER
	140515	1321	+9:00	29-49.4778 N	146-45.3319 E	6178.72		210.9	0.08	288.5	0.20	210.9	0.4	514.76	
	140515	1322	+9:00	29-49.4781 N	146-45.3319 E	6178.71		210.1	0.15	158.5	0.20	251.7	0.1	514.77	
	140515	1323	+9:00	29-49.4774 N	146-45.3320 E	6178.50		204.9	0.09	141.8	0.10	279.0	0.2	514.77	
	140515	1324	+9:00	29-49.4776 N	146-45.3318 E	6178.82		197.6	-0.03	100.3	0.00	245.6	0.3	514.77	
	140515	1325	+9:00	29-49.4771 N	146-45.3316 E	6178.84		194.6	0.05	201.9	0.10	256.8	0.3	514.77	
	140515	1326	+9:00	29-49.4776 N	146-45.3323 E	6179.27		195.1	-0.01	55.6	0.00	265.5	0.2	514.77	
	140515	1327	+9:00	29-49.4774 N	146-45.3319 E	6179.63		194.2	0.00	342.6	0.10	254.6	0.2	514.77	
	140515	1328	+9:00	29-49.4790 N	146-45.3336 E	6179.24		193.8	0.22	209.9	0.20	256.7	0.3	514.77	
	140515	1329	+9:00	29-49.4779 N	146-45.3332 E	6179.46		195.8	0.04	308.4	0.10	269.0	0.3	514.77	
	140515	1330	+9:00	29-49.4781 N	146-45.3323 E	6179.22		195.1	-0.02	20.1	0.20	269.8	0.2	514.77	
	140515	1331	+9:00	29-49.4768 N	146-45.3321 E	6178.84		195.5	0.13	125.6	0.00	263.3	0.2	514.78	
	140515	1332	+9:00	29-49.4777 N	146-45.3325 E	6179.08		193.6	0.02	10.0	0.10	283.8	0.3	514.78	
	140515	1333	+9:00	29-49.4771 N	146-45.3325 E	6179.05		195.9	0.08	176.8	0.10	267.9	0.4	514.78	
	140515	1334	+9:00	29-49.4781 N	146-45.3327 E	6179.15		195.7	-0.02	350.0	0.20	1.1	0.3	514.78	
	140515	1335	+9:00	29-49.4773 N	146-45.3317 E	6178.85		194.6	0.11	204.4	0.10	254.3	0.3	514.78	
	140515	1336	+9:00	29-49.4804 N	146-45.3333 E	6178.59		193.7	-0.32	17.5	0.50	262.9	0.4	514.78	
	140515	1337	+9:00	29-49.4776 N	146-45.3324 E	6178.89		194.3	0.58	196.8	0.80	261.9	0.3	514.78	
	140515	1338	+9:00	29-49.4666 N	146-45.3293 E	6179.18		196.7	0.28	177.1	0.50	294.1	0.2	514.79	
	140515	1339	+9:00	29-49.4488 N	146-45.3260 E	6178.77		194.8	1.11	192.4	1.50	255.4	0.2	514.80	
	140515	1340	+9:00	29-49.4248 N	146-45.3192 E	6178.39		192.2	1.00	190.6	1.20	277.1	0.3	6627.24	
	140515	1340	+9:00	29-49.4206 N	146-45.3186 E	6179.16	M7	192.1	0.81	185.0	1.10	272.0	0.3	514.83	STARTED SETTING OF MOORING BUOY SYSTEM
	140515	1341	+9:00	29-49.4048 N	146-45.3159 E	6178.89		194.0	1.13	189.1	1.50	272.0	0.3	514.84	
	140515	1342	+9:00	29-49.3793 N	146-45.3110 E	6179.19		196.6	1.20	187.4	1.50	270.4	0.3	514.86	
	140515	1343	+9:00	29-49.3558 N	146-45.3063 E	6178.71		193.6	1.11	188.9	1.40	238.9	0.1	514.88	
	140515	1344	+9:00	29-49.3258 N	146-45.3006 E	6178.50		192.8	1.81	189.8	2.30	256.9	0.3	6627.24	
	140515	1345	+9:00	29-49.2771 N	146-45.2909 E	6178.27		193.5	2.84	188.6	3.30	257.3	0.3	514.94	
	140515	1346	+9:00	29-49.2265 N	146-45.2808 E	6178.02		193.9	2.64	189.0	3.10	265.1	0.2	514.99	
	140515	1347	+9:00	29-49.1734 N	146-45.2696 E	6178.26		194.3	2.99	189.1	3.50	254.2	0.2	515.04	
	140515	1348	+9:00	29-49.1173 N	146-45.2558 E	6179.00		196.0	3.17	194.1	3.50	258.7	0.2	515.09	
	140515	1349	+9:00	29-49.0606 N	146-45.2421 E	6178.81		197.4	3.07	195.6	3.30	255.4	0.3	515.14	
	140515	1350	+9:00	29-49.0090 N	146-45.2265 E	6179.44		197.1	3.01	194.5	3.30	250.3	0.3	515.19	
	140515	1351	+9:00	29-48.9551 N	146-45.2100 E	6179.53		197.5	3.28	196.3	3.70	235.4	0.4	515.24	
	140515	1352	+9:00	29-48.8957 N	146-45.1917 E	6180.64		195.8	3.55	194.2	3.80	252.4	0.2	515.30	
	140515	1353	+9:00	29-48.8338 N	146-45.1742 E	6181.19		196.7	3.63	194.2	3.90	269.1	0.1	515.36	
	140515	1354	+9:00	29-48.7717 N	146-45.1547 E	6181.49		196.4	3.69	196.9	3.90	251.4	0.3	515.42	
	140515	1355	+9:00	29-48.7101 N	146-45.1365 E	6185.61		195.0	3.46	191.8	3.60	244.1	0.2	515.48	

	140515	1356	+9:00	29-48. 6523 N	146-45. 1201 E	6180. 33		198. 4	3. 20	196. 1	3. 30	336. 8	0. 4	515. 54	
	140515	1357	+9:00	29-48. 6013 N	146-45. 0999 E	6179. 35		198. 0	3. 03	199. 4	3. 30	252. 9	0. 3	515. 59	
	140515	1358	+9:00	29-48. 5515 N	146-45. 0873 E	6183. 54		198. 8	2. 66	194. 0	3. 10	259. 7	0. 2	515. 63	
	140515	1359	+9:00	29-48. 4952 N	146-45. 0684 E	6179. 23		198. 8	3. 48	196. 4	3. 70	215. 6	0. 8	515. 68	
	140515	1400	+9:00	29-48. 4356 N	146-45. 0493 E	6132. 86		199. 1	3. 34	196. 1	3. 50	271. 4	0. 3	515. 74	
	140515	1401	+9:00	29-48. 3738 N	146-45. 0276 E	6181. 08		197. 7	3. 65	197. 4	3. 90	220. 2	0. 5	515. 80	
	140515	1402	+9:00	29-48. 3138 N	146-45. 0074 E	6154. 20		198. 5	3. 61	197. 3	3. 80	213. 6	0. 5	515. 86	
	140515	1403	+9:00	29-48. 2567 N	146-44. 9911 E	6179. 85		198. 1	3. 17	193. 1	3. 30	251. 0	0. 1	515. 92	
	140515	1404	+9:00	29-48. 2003 N	146-44. 9743 E	6179. 70		198. 4	3. 23	194. 8	3. 50	247. 9	0. 3	515. 97	
	140515	1405	+9:00	29-48. 1451 N	146-44. 9568 E	6179. 56		200. 7	3. 14	196. 3	3. 40	260. 0	0. 2	516. 02	
	140515	1406	+9:00	29-48. 0934 N	146-44. 9378 E	6179. 18		201. 6	2. 77	201. 5	3. 00	243. 9	0. 3	516. 07	
	140515	1407	+9:00	29-48. 0471 N	146-44. 9200 E	6178. 93		199. 8	2. 63	197. 3	2. 90	252. 5	0. 3	516. 12	
	140515	1408	+9:00	29-48. 0043 N	146-44. 9067 E	6181. 68		197. 8	2. 08	194. 0	2. 40	254. 8	0. 3	516. 16	
	140515	1409	+9:00	29-47. 9713 N	146-44. 8941 E	6177. 03		202. 3	1. 50	200. 9	1. 80	261. 2	0. 2	516. 19	
	140515	1410	+9:00	29-47. 9478 N	146-44. 8848 E	0. 00		199. 9	1. 26	195. 5	1. 50	245. 8	0. 3	516. 21	
	140515	1411	+9:00	29-47. 9201 N	146-44. 8757 E	6176. 59		199. 5	1. 70	196. 7	2. 10	236. 5	0. 3	516. 23	
	140515	1412	+9:00	29-47. 8806 N	146-44. 8618 E	6175. 27		199. 4	2. 40	197. 1	2. 70	251. 8	0. 2	516. 27	
	140515	1413	+9:00	29-47. 8353 N	146-44. 8464 E	6171. 53		199. 9	2. 54	195. 1	2. 80	210. 0	0. 1	516. 31	
	140515	1414	+9:00	29-47. 7895 N	146-44. 8289 E	6167. 09		198. 1	2. 52	195. 2	2. 70	223. 9	0. 3	516. 35	
	140515	1415	+9:00	29-47. 7455 N	146-44. 8126 E	6170. 19		200. 4	2. 52	200. 6	2. 90	234. 0	0. 2	516. 39	
	140515	1416	+9:00	29-47. 6980 N	146-44. 7952 E	6160. 43		198. 8	2. 43	194. 5	2. 80	238. 4	0. 2	516. 44	
	140515	1417	+9:00	29-47. 6563 N	146-44. 7803 E	6157. 48		199. 9	2. 08	197. 9	2. 50	232. 1	0. 3	516. 48	
	140515	1418	+9:00	29-47. 6188 N	146-44. 7670 E	6157. 53		200. 5	1. 96	197. 6	2. 30	233. 2	0. 2	516. 51	
	140515	1419	+9:00	29-47. 5826 N	146-44. 7527 E	6105. 60		198. 7	1. 82	196. 8	2. 20	203. 7	0. 5	516. 54	
	140515	1420	+9:00	29-47. 5440 N	146-44. 7389 E	6150. 81		198. 3	1. 97	193. 9	2. 40	249. 8	0. 4	516. 57	
	140515	1421	+9:00	29-47. 5070 N	146-44. 7263 E	6032. 13		197. 2	1. 75	192. 2	2. 20	230. 5	0. 3	516. 61	
	140515	1422	+9:00	29-47. 4710 N	146-44. 7156 E	6147. 50		196. 2	1. 66	194. 5	2. 00	221. 7	0. 2	516. 64	
	140515	1423	+9:00	29-47. 4342 N	146-44. 7048 E	6145. 72		198. 0	2. 10	196. 7	2. 60	235. 1	0. 2	516. 67	
	140515	1424	+9:00	29-47. 3916 N	146-44. 6903 E	6148. 84		197. 6	2. 15	198. 1	2. 60	212. 1	0. 3	516. 70	
	140515	1425	+9:00	29-47. 3438 N	146-44. 6751 E	6142. 20		196. 3	2. 81	192. 5	3. 30	242. 9	0. 3	516. 74	
	140515	1426	+9:00	29-47. 2903 N	146-44. 6601 E	6139. 61		196. 1	2. 92	194. 1	3. 40	222. 8	0. 3	516. 79	
	140515	1427	+9:00	29-47. 2381 N	146-44. 6428 E	0. 00		196. 2	2. 63	198. 2	3. 00	237. 9	0. 4	516. 84	
	140515	1428	+9:00	29-47. 1902 N	146-44. 6309 E	6142. 81		195. 0	2. 43	191. 1	2. 70	232. 3	0. 3	516. 88	
	140515	1429	+9:00	29-47. 1420 N	146-44. 6197 E	6142. 39		197. 1	2. 65	191. 1	3. 10	246. 0	0. 5	516. 93	
	140515	1430	+9:00	29-47. 0918 N	146-44. 6071 E	6134. 98		200. 5	2. 64	196. 3	3. 00	244. 1	0. 3	516. 97	
	140515	1431	+9:00	29-47. 0445 N	146-44. 5933 E	6136. 28		199. 8	2. 37	194. 5	2. 70	197. 4	0. 2	517. 01	
	140515	1432	+9:00	29-47. 0043 N	146-44. 5781 E	6140. 18		201. 3	2. 06	201. 8	2. 60	230. 5	0. 3	517. 05	
	140515	1433	+9:00	29-46. 9626 N	146-44. 5630 E	6132. 40		199. 1	2. 34	197. 4	2. 70	220. 8	0. 8	517. 09	

	140515	1434	+9:00	29-46. 9176 N	146-44. 5463 E	6131. 51		199. 9	2. 49	199. 9	2. 90	275. 3	0. 1	517. 13	
	140515	1435	+9:00	29-46. 8720 N	146-44. 5310 E	6135. 04		199. 3	2. 52	196. 3	3. 00	243. 3	0. 3	517. 17	
	140515	1436	+9:00	29-46. 8316 N	146-44. 5168 E	6133. 10		196. 1	1. 83	193. 8	2. 20	232. 3	0. 4	517. 20	
	140515	1437	+9:00	29-46. 7895 N	146-44. 5058 E	6129. 94		198. 3	2. 20	195. 6	2. 80	206. 8	0. 3	517. 24	
	140515	1438	+9:00	29-46. 7477 N	146-44. 4928 E	6128. 29		199. 8	2. 18	197. 4	2. 60	205. 8	0. 5	517. 27	
	140515	1439	+9:00	29-46. 7061 N	146-44. 4816 E	6127. 30		199. 1	2. 33	196. 1	2. 80	219. 4	0. 3	517. 31	
	140515	1440	+9:00	29-46. 6613 N	146-44. 4678 E	6129. 92		199. 1	2. 52	194. 0	2. 90	183. 3	0. 1	517. 35	
	140515	1441	+9:00	29-46. 6157 N	146-44. 4558 E	6126. 12		199. 9	2. 42	193. 2	2. 60	237. 7	0. 3	517. 39	
	140515	1442	+9:00	29-46. 5822 N	146-44. 4472 E	6129. 27		199. 5	1. 41	191. 9	1. 60	230. 8	0. 2	517. 42	
	140515	1443	+9:00	29-46. 5589 N	146-44. 4421 E	6125. 60		197. 6	0. 85	192. 8	1. 20	231. 2	0. 3	517. 44	
	140515	1444	+9:00	29-46. 5481 N	146-44. 4392 E	6124. 87		198. 1	0. 21	208. 4	0. 40	226. 2	0. 3	517. 45	
	140515	1445	+9:00	29-46. 5377 N	146-44. 4343 E	6125. 20		200. 3	0. 45	207. 2	0. 60	240. 2	0. 2	517. 46	
	140515	1446	+9:00	29-46. 5234 N	146-44. 4284 E	6127. 22		199. 3	0. 75	198. 2	1. 10	236. 3	0. 2	517. 47	
	140515	1447	+9:00	29-46. 5076 N	146-44. 4239 E	6124. 24		197. 8	0. 50	186. 5	0. 90	228. 3	0. 3	517. 48	
	140515	1447	+9:00	29-46. 5070 N	146-44. 4238 E	6124. 24	M7	198. 1	0. 42	183. 0	0. 90	228. 3	0. 3	517. 48	FINISHED SETTING OF MOORING BUOY SYSTEM
	140515	1448	+9:00	29-46. 4853 N	146-44. 4178 E	6123. 27		198. 3	1. 65	195. 9	2. 20	249. 4	0. 3	517. 49	
	140515	1449	+9:00	29-46. 4497 N	146-44. 4081 E	6123. 73		199. 0	1. 83	193. 8	2. 10	252. 0	0. 3	517. 52	
	140515	1450	+9:00	29-46. 4126 N	146-44. 3968 E	6123. 11		199. 6	2. 04	196. 4	2. 40	233. 3	0. 4	517. 55	
	140515	1451	+9:00	29-46. 3726 N	146-44. 3824 E	6121. 98		196. 1	2. 27	196. 0	2. 70	243. 6	0. 2	517. 59	
	140515	1452	+9:00	29-46. 3252 N	146-44. 3739 E	6120. 73		188. 9	2. 56	179. 5	2. 90	249. 2	0. 2	517. 63	
	140515	1453	+9:00	29-46. 2744 N	146-44. 3712 E	6119. 71		190. 3	2. 74	185. 0	3. 10	214. 1	0. 3	517. 67	
	140515	1454	+9:00	29-46. 2207 N	146-44. 3701 E	6118. 86		185. 8	2. 98	179. 4	3. 40	239. 8	0. 1	517. 72	
	140515	1455	+9:00	29-46. 1468 N	146-44. 3716 E	6117. 25		183. 5	4. 62	177. 3	5. 00	262. 4	0. 2	517. 79	
	140515	1456	+9:00	29-46. 0567 N	146-44. 3772 E	6116. 51		183. 7	5. 57	178. 6	5. 90	257. 2	0. 1	517. 87	
	140515	1457	+9:00	29-45. 9361 N	146-44. 3787 E	6114. 59		181. 3	7. 32	180. 1	7. 90	268. 8	0. 2	517. 98	
	140515	1458	+9:00	29-45. 7947 N	146-44. 3827 E	6115. 39		180. 2	8. 35	178. 7	8. 90	229. 0	0. 2	518. 11	
	140515	1459	+9:00	29-45. 6454 N	146-44. 3897 E	6117. 47		181. 1	8. 59	177. 7	9. 10	202. 2	0. 1	518. 26	
	140515	1500	+9:00	29-45. 4954 N	146-44. 3963 E	6116. 15		180. 2	8. 59	177. 7	9. 00	231. 5	0. 3	518. 40	
*	140515	1530	+9:00	29-39. 9642 N	146-44. 6270 E	5968. 03		181. 9	10. 85	177. 6	11. 10	165. 8	0. 4	523. 75	
*	140515	1600	+9:00	29-34. 4171 N	146-44. 5530 E	5966. 16		185. 4	10. 61	182. 1	10. 80	13. 2	0. 1	529. 19	
*	140515	1630	+9:00	29-33. 0344 N	146-44. 4206 E	5948. 98		214. 6	0. 35	316. 3	0. 10	33. 1	3. 1	530. 72	
*	140515	1700	+9:00	29-33. 0017 N	146-44. 7293 E	5956. 98		213. 1	-0. 16	40. 1	0. 90	352. 3	0. 1	530. 83	
	140515	1720	+9:00	29-32. 9998 N	146-44. 8641 E	5956. 98	C001	214. 1	0. 26	103. 1	0. 80	82. 5	0. 2	530. 94	STARTED CTD
*	140515	1730	+9:00	29-32. 9942 N	146-44. 9879 E	5953. 98		214. 7	0. 13	95. 2	1. 00	55. 5	0. 2	530. 98	
*	140515	1800	+9:00	29-33. 0258 N	146-45. 2122 E	6118. 98		209. 5	0. 40	162. 3	0. 30	333. 5	0. 7	531. 08	
*	140515	1830	+9:00	29-33. 0251 N	146-45. 2122 E	5961. 98		210. 1	0. 33	192. 8	0. 00	30. 9	0. 2	531. 26	
*	140515	1900	+9:00	29-33. 0251 N	146-45. 2122 E	5979. 85		209. 9	0. 23	299. 8	0. 10	4. 6	0. 1	531. 45	
	140515	1922	+9:00	29-33. 0271 N	146-45. 2121 E	5976. 84	C001	214. 5	0. 19	356. 9	0. 50	64. 3	0. 2	531. 59	CTD DEEPEST

*	140515	1930	+9:00	29-33.0258 N	146-45.2126 E	5983.86		210.0	0.40	8.3	0.00	29.7	0.3	531.64	
*	140515	2030	+9:00	29-33.0251 N	146-45.2119 E	5981.85		208.7	0.16	61.2	0.10	108.7	0.2	531.98	
*	140515	2100	+9:00	29-33.0255 N	146-45.2120 E	5981.85		209.3	0.48	155.2	0.20	34.7	0.1	532.19	
*	140515	2130	+9:00	29-33.0252 N	146-45.2126 E	5981.85		214.3	0.39	146.5	0.20	12.7	0.2	532.36	
	140515	2137	+9:00	29-33.0315 N	146-45.2046 E	5981.85	C001	205.8	0.30	291.8	0.10	61.4	0.2	532.40	FINISHED CTD
*	140515	2200	+9:00	29-33.0426 N	146-45.1866 E	5963.79		220.6	0.23	319.4	0.50	34.3	0.3	532.54	
*	140515	2230	+9:00	29-33.0897 N	146-45.1209 E	5978.84		210.3	0.31	323.9	0.10	347.0	0.3	532.74	
*	140515	2300	+9:00	29-31.1665 N	146-45.2264 E	5979.85		180.1	8.89	176.7	9.00	34.0	0.1	534.80	
*	140515	2330	+9:00	29-26.5160 N	146-45.0568 E	5937.71		184.3	9.40	183.8	9.50	260.5	0.3	539.42	
*	140516	0000	+9:00	29-21.8824 N	146-44.2464 E	5733.03		188.5	9.29	185.5	9.30	234.6	0.3	544.07	
*	140516	0030	+9:00	29-17.1904 N	146-44.5316 E	6063.12		175.4	9.23	172.8	9.50	192.4	0.4	548.70	
*	140516	0100	+9:00	29-12.5164 N	146-45.1505 E	6037.04		174.5	9.13	172.7	9.20	253.2	0.2	553.31	
*	140516	0130	+9:00	29-07.9440 N	146-45.7389 E	6089.21		176.4	9.26	174.8	9.20	284.9	0.4	557.92	
*	140516	0200	+9:00	29-03.4442 N	146-46.4694 E	6082.19		174.8	9.26	169.4	9.10	48.1	0.4	562.59	
*	140516	0230	+9:00	28-58.9414 N	146-47.6491 E	6161.45		172.5	9.39	166.9	9.50	74.0	0.2	567.27	
*	140516	0300	+9:00	28-54.3031 N	146-48.8913 E	6131.35		169.6	9.81	167.4	10.00	140.3	0.2	572.01	
*	140516	0330	+9:00	28-49.5002 N	146-50.1693 E	6076.17		169.9	9.75	168.2	10.00	184.4	0.2	576.88	
*	140516	0400	+9:00	28-44.6601 N	146-51.4009 E	5985.87		170.5	10.00	167.9	10.10	85.6	0.2	581.76	
*	140516	0430	+9:00	28-39.7875 N	146-52.5573 E	5959.78		169.9	9.88	168.4	10.20	112.7	0.1	586.67	
*	140516	0500	+9:00	28-34.8091 N	146-53.6836 E	5721.99		170.9	9.96	169.4	10.10	264.2	0.2	591.64	
*	140516	0530	+9:00	28-29.7532 N	146-54.7851 E	5785.20		169.6	10.06	167.4	10.50	225.2	0.3	596.62	
*	140516	0600	+9:00	28-24.6101 N	146-55.8894 E	5841.39		170.0	9.95	168.3	10.40	216.3	0.2	601.63	
*	140516	0630	+9:00	28-19.4809 N	146-56.9479 E	5906.73		169.1	10.04	170.1	10.50	201.9	0.7	606.64	
*	140516	0700	+9:00	28-16.7000 N	146-56.3999 E	5874.45		212.9	-0.69	305.9	0.70	211.6	0.5	609.41	
*	140516	0730	+9:00	28-16.8665 N	146-56.0924 E	5858.32		210.9	-0.36	299.6	0.60	242.9	0.4	609.41	
*	140516	0800	+9:00	28-16.8883 N	146-56.0553 E	5869.41		211.6	-0.27	64.3	0.00	230.4	0.4	609.41	
	140516	0820	+9:00	28-16.8875 N	146-56.0551 E	5861.34		211.5	-0.20	334.4	0.00	219.3	0.5	609.41	STARTED TESTING FOR RELEASER
*	140516	0900	+9:00	28-16.8880 N	146-56.0549 E	5862.35		210.5	-0.13	222.9	0.00	230.3	0.6	609.41	
	140516	0906	+9:00	28-16.8878 N	146-56.0549 E	5859.32		210.8	-0.14	195.0	0.10	228.3	0.4	609.41	FINISHED TESTING FOR RELEASER
	140516	0918	+9:00	28-16.8875 N	146-56.0550 E	5857.31		212.6	-0.14	149.5	0.10	240.5	0.4	609.41	STARTED TESTING FOR RELEASER
*	140516	0930	+9:00	28-16.8872 N	146-56.0549 E	5857.31		210.5	-0.04	122.5	0.10	236.8	0.4	609.42	
*	140516	1000	+9:00	28-16.8878 N	146-56.0554 E	5857.31		211.6	0.07	200.0	0.20	224.5	0.5	609.42	
	140516	1003	+9:00	28-16.8866 N	146-56.0554 E	5860.33		211.6	0.03	215.0	0.00	244.3	0.5	6627.24	FINISHED TESTING FOR RELEASER
*	140516	1030	+9:00	28-16.8873 N	146-56.0551 E	5863.36		211.4	0.00	85.3	0.10	248.8	0.4	609.43	
*	140516	1100	+9:00	28-16.8870 N	146-56.0556 E	5855.29		211.1	0.03	160.9	0.20	263.2	0.6	609.45	
*	140516	1130	+9:00	28-16.8869 N	146-56.0551 E	5858.32		210.9	0.04	178.3	0.10	261.6	0.7	609.46	
*	140516	1200	+9:00	28-16.8876 N	146-56.0547 E	5861.34		210.8	0.11	292.7	0.10	244.7	0.5	609.49	

*	140516	1230	+9:00	28-16.8870 N	146-56.0551 E	5859.32		211.4	0.08	86.6	0.00	278.5	0.6	609.52	
*	140516	1300	+9:00	28-16.8869 N	146-56.0552 E	5858.32		206.0	0.04	348.5	0.00	274.8	0.6	609.57	
*	140516	1330	+9:00	28-16.8874 N	146-56.0553 E	5858.32		205.8	0.20	104.9	0.10	271.4	0.4	609.63	
	140516	1350	+9:00	28-16.8887 N	146-56.0556 E	5857.31	C002	224.8	0.03	327.5	0.10	274.5	0.5	609.68	STARTED CTD
	140516	1423	+9:00	28-16.9014 N	146-56.0303 E	5865.38	C002	212.9	0.24	296.3	0.30	329.4	1.3	609.76	CTD DEEPEST
*	140516	1430	+9:00	28-16.9209 N	146-55.9952 E	5861.34		212.3	0.25	291.6	0.40	305.5	0.4	609.78	
	140516	1458	+9:00	28-17.0882 N	146-55.8033 E	5872.44	C002	226.0	-0.03	307.7	1.00	271.8	0.3	609.85	FINISHED CTD
*	140516	1500	+9:00	28-17.1122 N	146-55.7751 E	5869.41		225.2	-0.14	321.9	1.00	1.1	0.6	609.85	
*	140516	1530	+9:00	28-17.7056 N	146-55.6329 E	5885.55		235.1	-1.19	19.1	1.70	293.0	0.4	609.91	
*	140516	1600	+9:00	28-18.3786 N	146-55.8964 E	5841.17		215.4	-0.86	17.7	1.40	290.3	0.3	609.91	
*	140516	1630	+9:00	28-18.9994 N	146-56.2208 E	5881.52		214.4	-0.74	26.1	1.30	258.0	0.2	609.91	
*	140516	1700	+9:00	28-19.1086 N	146-56.1424 E	5867.39		213.6	0.07	288.0	0.20	248.2	0.2	609.98	
*	140516	1730	+9:00	28-19.1531 N	146-56.0666 E	5860.33		215.2	0.09	294.5	0.30	216.9	0.4	610.04	
*	140516	1830	+9:00	28-19.2120 N	146-55.9846 E	5853.27		208.0	-0.04	104.6	0.20	210.8	0.3	610.14	
*	140516	1900	+9:00	28-19.1250 N	146-56.1768 E	5860.33		216.2	0.00	44.4	0.10	198.0	0.4	610.18	
*	140516	1930	+9:00	28-19.1980 N	146-56.0747 E	5842.18		219.3	0.09	313.7	0.30	211.7	0.2	610.21	
*	140516	2000	+9:00	28-19.3348 N	146-55.8908 E	5848.23		219.7	-0.11	316.3	0.40	227.5	0.4	610.23	
*	140516	2030	+9:00	28-19.4951 N	146-55.6756 E	5893.62		220.2	0.01	302.1	0.50	235.3	0.5	610.24	
*	140516	2100	+9:00	28-19.6579 N	146-55.4562 E	5915.81		220.3	0.01	318.2	0.50	242.1	0.4	610.28	
*	140516	2130	+9:00	28-19.8372 N	146-55.2148 E	5897.65		220.9	0.03	286.5	0.50	245.7	0.4	610.30	
*	140516	2200	+9:00	28-19.9977 N	146-55.0220 E	5881.52		346.1	1.07	10.2	1.30	210.1	0.5	610.31	
*	140516	2230	+9:00	28-25.0691 N	146-55.5848 E	5864.37		4.4	11.36	4.9	11.50	215.5	0.5	615.46	
*	140516	2300	+9:00	28-30.8259 N	146-56.2156 E	5893.62		5.2	11.68	6.0	11.50	199.4	0.3	621.29	
*	140516	2330	+9:00	28-36.5020 N	146-56.8483 E	6010.62		5.4	11.89	5.8	11.40	197.0	0.3	627.13	
*	140517	0000	+9:00	28-42.1164 N	146-57.3446 E	6042.90		5.0	11.51	4.0	11.20	207.4	0.7	632.96	
*	140517	0100	+9:00	28-53.0657 N	146-58.3688 E	6151.84		4.2	11.57	5.4	11.00	186.0	0.7	644.64	
*	140517	0130	+9:00	28-58.4903 N	146-58.9012 E	6056.01		2.8	11.70	1.9	11.00	215.1	0.5	650.46	
*	140517	0200	+9:00	29-03.8833 N	146-59.3688 E	6094.17		3.6	11.54	4.3	10.90	233.1	0.4	656.22	
*	140517	0230	+9:00	29-09.3101 N	146-59.8748 E	6128.81		3.7	11.13	3.3	10.90	236.9	0.3	661.96	
*	140517	0300	+9:00	29-14.8739 N	147-00.3360 E	6173.71		5.7	11.46	5.8	11.20	286.1	0.3	667.68	
*	140517	0330	+9:00	29-20.3952 N	147-00.8813 E	6156.67		5.9	11.54	3.6	11.20	273.2	0.3	673.40	
*	140517	0400	+9:00	29-26.0482 N	147-01.2192 E	6173.33		5.8	11.20	1.7	11.20	323.6	0.4	679.13	
*	140517	0430	+9:00	29-30.7728 N	147-02.0491 E	6179.26		21.8	4.82	17.6	4.00	288.6	0.4	684.16	
*	140517	0500	+9:00	29-30.9030 N	147-02.0224 E	6183.48		17.7	0.73	276.0	0.10	298.9	0.4	684.62	
*	140517	0530	+9:00	29-30.9668 N	147-02.3465 E	6171.98		30.5	0.78	349.7	0.00	305.0	0.4	685.32	
*	140517	0630	+9:00	29-30.8966 N	147-02.0086 E	6181.09		331.1	-0.74	12.9	0.10	299.7	0.4	685.74	
*	140517	0700	+9:00	29-30.9942 N	147-02.0544 E	6172.01		286.4	-0.48	97.9	0.00	309.2	0.5	685.74	
	140517	0722	+9:00	29-31.0121 N	147-02.0102 E	6164.95	M9	300.1	1.04	297.2	1.80	300.4	0.5	685.75	STARTED SETTING OF MOORING BUOY SYSTEM

*	140517	0730	+9:00	29-31.1677 N	147-01.6828 E	6198.75		309.7	3.13	304.6	4.00	303.6	0.7	685.97	
*	140517	0800	+9:00	29-32.3783 N	147-00.4146 E	6202.31		329.1	1.39	317.1	2.00	310.2	0.6	687.27	
	140517	0829	+9:00	29-33.5333 N	146-59.5083 E	6160.44	M9	334.6	1.26	325.3	1.90	321.3	0.7	688.30	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140517	0830	+9:00	29-33.5461 N	146-59.4982 E	6160.83		335.9	1.86	326.0	2.70	321.3	0.7	688.31	
*	140517	0900	+9:00	29-36.7282 N	147-02.7445 E	6221.88		60.6	11.64	57.9	11.30	333.9	0.5	692.91	
*	140517	0930	+9:00	29-39.5068 N	147-08.4316 E	6183.64		62.3	11.73	59.6	11.50	312.9	0.6	698.77	
*	140517	1000	+9:00	29-42.4545 N	147-13.9619 E	6249.90		65.3	11.81	57.5	11.30	317.0	0.7	704.62	
*	140517	1030	+9:00	29-45.5781 N	147-18.3187 E	6244.64		347.9	5.18	351.8	5.40	313.9	0.3	710.01	
	140517	1033	+9:00	29-45.6417 N	147-18.2080 E	6239.74	M8	268.8	0.88	279.0	1.60	317.3	0.5	710.11	STARTED SETTING OF MOORING BUOY SYSTEM
*	140517	1100	+9:00	29-46.1985 N	147-16.4061 E	6205.75		292.5	2.68	292.8	3.50	315.0	0.6	711.44	
	140517	1119	+9:00	29-46.5536 N	147-15.4600 E	6173.49	M8	292.0	0.72	298.9	1.60	304.1	0.4	712.04	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140517	1130	+9:00	29-47.0103 N	147-15.3081 E	6176.53		44.0	9.10	40.4	8.80	310.2	0.5	712.68	
*	140517	1200	+9:00	29-50.0952 N	147-20.6347 E	6188.92		60.9	11.55	59.9	11.60	327.5	0.4	718.35	
*	140517	1230	+9:00	29-53.1593 N	147-26.3311 E	6241.69		60.1	11.75	58.6	11.60	318.7	0.1	724.22	
*	140517	1300	+9:00	29-56.2408 N	147-32.0438 E	6199.58		60.3	11.61	58.9	11.70	326.0	0.1	730.11	
*	140517	1330	+9:00	29-59.5895 N	147-35.4709 E	0.00		297.0	4.36	300.4	5.10	319.9	0.1	735.38	
	140517	1346	+9:00	30-00.4548 N	147-34.6654 E	6185.30	M6	251.3	1.86	284.4	1.57	264.5	0.2	736.55	STARTED SETTING OF MOORING BUOY SYSTEM
*	140517	1400	+9:00	30-00.3703 N	147-33.9912 E	6195.39		262.8	3.41	270.3	3.03	235.2	0.1	737.13	
*	140517	1430	+9:00	30-00.2151 N	147-32.3837 E	6209.37		257.4	3.36	259.0	1.96	226.5	0.1	738.49	
	140517	1458	+9:00	30-00.0603 N	147-31.3991 E	6234.27	M6	248.9	0.55	231.9	0.28	329.5	0.1	739.30	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140517	1500	+9:00	30-00.0474 N	147-31.3374 E	6234.47		249.2	2.55	251.2	2.75	285.1	0.0	739.34	
*	140517	1530	+9:00	30-00.1556 N	147-27.3785 E	6207.40		269.6	8.17	272.5	7.69	287.0	0.2	742.74	
*	140517	1600	+9:00	30-00.2875 N	147-22.7581 E	6213.87		266.5	8.15	271.9	8.05	305.6	0.2	746.78	
*	140517	1700	+9:00	29-59.9984 N	147-15.5886 E	6240.37		270.5	-0.14	181.2	0.10	292.6	0.5	752.96	
	140517	1721	+9:00	29-59.9998 N	147-15.5896 E	6240.63	C003	299.8	-0.20	339.4	0.00	299.5	0.4	752.97	STARTED CTD
*	140517	1730	+9:00	30-00.0037 N	147-15.5818 E	6240.34		299.3	0.17	303.2	0.50	294.5	0.6	752.97	
*	140517	1800	+9:00	30-00.0189 N	147-15.5512 E	6240.44		294.2	0.02	252.3	0.00	331.7	0.4	752.98	
*	140517	1830	+9:00	30-00.0184 N	147-15.5529 E	6240.45		294.1	0.10	110.6	0.00	316.2	0.5	753.00	
*	140517	1900	+9:00	30-00.0188 N	147-15.5521 E	6240.58		294.8	0.11	258.2	0.00	323.9	0.2	753.03	
	140517	1923	+9:00	30-00.0188 N	147-15.5518 E	6240.76	C003	296.1	0.13	120.3	0.10	312.0	0.2	753.07	CTD DEEPEST
*	140517	1930	+9:00	30-00.0187 N	147-15.5515 E	6248.82		295.4	0.11	94.4	0.00	309.2	0.4	753.09	
*	140517	2000	+9:00	30-00.0191 N	147-15.5518 E	6248.88		299.8	0.06	155.2	0.10	345.9	0.3	753.15	
*	140517	2030	+9:00	30-00.0196 N	147-15.5520 E	6249.05		300.6	0.23	13.1	0.00	346.4	0.4	753.24	
*	140517	2100	+9:00	30-00.0191 N	147-15.5527 E	6249.28		298.9	0.26	2.5	0.10	35.7	0.2	753.36	
	140517	2127	+9:00	30-00.0188 N	147-15.5522 E	6248.78	C003	0.0	0.00	350.6	0.10	359.1	0.3	6627.24	FINISHED CTD
*	140517	2130	+9:00	30-00.0191 N	147-15.5519 E	6249.05		299.6	0.16	46.8	0.10	359.4	0.3	753.47	
*	140517	2200	+9:00	29-59.9966 N	147-12.5688 E	6207.24		269.2	10.80	270.4	10.70	53.2	0.3	756.15	

*	140517	2230	+9:00	29-59.9457 N	147-06.3581 E	6220.43		269.0	11.06	270.6	10.90	308.5	0.5	761.66	
*	140517	2300	+9:00	29-59.8926 N	147-00.2676 E	6179.41		288.6	5.62	277.8	5.30	328.4	0.3	766.93	
*	140517	2330	+9:00	29-59.9935 N	147-00.0096 E	6206.00		300.4	0.16	235.3	0.00	319.9	0.2	767.26	
*	140518	0000	+9:00	29-59.9941 N	147-00.0099 E	6206.72		326.1	0.23	41.5	0.10	341.8	0.3	767.31	
	140518	0000	+9:00	29-59.9943 N	147-00.0103 E	6207.45	C004	326.3	0.21	69.3	0.10	328.3	0.3	767.31	STARTED CTD
*	140518	0030	+9:00	29-59.9942 N	147-00.0088 E	6205.98		318.5	0.30	305.7	0.10	307.7	0.2	767.39	
*	140518	0100	+9:00	29-59.9946 N	147-00.0101 E	6207.09		320.1	0.00	173.0	0.10	313.3	0.4	767.45	
*	140518	0130	+9:00	29-59.9941 N	147-00.0100 E	6206.37		320.2	0.07	201.0	0.10	295.4	0.6	767.47	
	140518	0156	+9:00	29-59.9940 N	147-00.0097 E	6206.50	C004	321.2	-0.23	42.0	0.00	320.8	0.4	767.48	CTD DEEPEST
*	140518	0200	+9:00	29-59.9950 N	147-00.0102 E	6206.68		319.3	0.01	3.9	0.10	307.2	0.6	767.48	
*	140518	0230	+9:00	29-59.9937 N	147-00.0102 E	6206.43		320.0	-0.36	75.2	0.00	295.4	0.6	767.48	
*	140518	0300	+9:00	29-59.9941 N	147-00.0096 E	6206.43		319.2	-0.57	141.4	0.10	312.8	0.6	767.48	
*	140518	0330	+9:00	29-59.9943 N	147-00.0102 E	6207.83		320.1	-0.34	21.8	0.10	311.4	0.7	767.48	
*	140518	0400	+9:00	29-59.9932 N	147-00.0103 E	6206.47		320.5	-0.40	150.7	0.10	333.1	0.7	767.48	
	140518	0401	+9:00	29-59.9942 N	147-00.0103 E	6206.65	C004	319.9	-0.23	341.2	0.10	334.6	0.7	767.48	FINISHED CTD
*	140518	0430	+9:00	29-59.5137 N	146-59.9221 E	6208.03		179.9	9.70	182.5	9.70	328.0	0.6	768.01	
*	140518	0500	+9:00	29-53.9341 N	147-01.0834 E	6182.98		154.8	11.48	156.5	11.20	332.6	0.7	773.82	
*	140518	0530	+9:00	29-57.8436 N	147-03.4711 E	6243.11		15.5	5.55	11.9	5.70	330.5	0.8	779.15	
*	140518	0600	+9:00	29-58.0304 N	147-03.5119 E	6244.73		309.4	-0.53	58.9	0.10	331.9	0.6	779.30	
*	140518	0630	+9:00	29-58.0716 N	147-03.5509 E	6245.43		309.1	-0.29	58.8	0.10	328.9	0.7	779.30	
*	140518	0700	+9:00	29-57.4449 N	147-03.0889 E	6236.05		205.7	2.99	217.0	2.90	344.8	0.7	780.08	
	140518	0720	+9:00	29-57.4621 N	147-02.9415 E	6235.56	M5	304.5	0.43	304.0	1.10	349.4	0.8	780.15	STARTED SETTING OF MOORING BUOY SYSTEM
*	140518	0730	+9:00	29-57.7736 N	147-02.4970 E	6234.97		314.4	3.49	315.2	4.30	339.7	0.7	780.52	
*	140518	0800	+9:00	29-59.0084 N	147-01.1682 E	6219.42		312.4	3.19	316.0	3.90	336.2	0.9	781.78	
	140518	0829	+9:00	30-00.0062 N	147-00.0186 E	6205.69	M5	308.2	0.83	325.6	1.30	348.5	0.7	782.83	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140518	0900	+9:00	30-03.4484 N	147-03.6645 E	6226.67		59.0	11.45	55.8	11.10	356.9	0.6	787.61	
*	140518	0930	+9:00	30-06.4669 N	147-09.2989 E	6241.71		61.1	11.52	60.1	11.50	22.6	0.3	793.37	
*	140518	1000	+9:00	30-09.2887 N	147-15.1835 E	6240.89		59.0	11.58	60.3	11.70	110.5	0.4	799.12	
	140518	1025	+9:00	30-12.3837 N	147-17.8060 E	6246.20	M3	301.1	1.23	320.8	1.00	141.4	0.4	803.07	STARTED SETTING OF MOORING BUOY SYSTEM
*	140518	1030	+9:00	30-12.4588 N	147-17.6992 E	6241.78		299.5	2.86	305.1	2.60	146.0	0.5	803.20	
*	140518	1100	+9:00	30-13.1440 N	147-16.3520 E	6236.00		297.7	2.61	298.3	2.30	139.9	0.4	804.65	
	140518	1124	+9:00	30-13.4527 N	147-15.6748 E	0.00	M3	0.0	0.79	291.5	0.50	0.0	0.0	805.39	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140518	1200	+9:00	30-17.5424 N	147-11.7391 E	6227.37		320.1	10.94	320.6	10.80	156.3	0.2	810.81	
*	140518	1230	+9:00	30-21.6225 N	147-07.8535 E	6233.07		322.9	10.81	322.8	10.80	178.6	0.2	816.21	
*	140518	1300	+9:00	30-26.0596 N	147-03.9972 E	6226.76		325.0	10.19	324.5	10.70	266.5	0.2	821.64	
	140518	1315	+9:00	30-26.9215 N	147-03.6422 E	6211.98	M1	264.1	0.46	274.0	0.90	266.9	0.4	822.54	STARTED SETTING OF MOORING BUOY SYSTEM
*	140518	1330	+9:00	30-26.9189 N	147-02.7168 E	6209.90		266.6	3.05	269.2	3.80	260.1	0.3	823.16	
*	140518	1400	+9:00	30-26.9664 N	147-00.8627 E	6221.68		275.3	3.74	272.5	3.90	268.6	0.4	824.52	

	140518	1421	+9:00	30-26.9655 N	146-59.9166 E	0.00	M1	279.8	1.02	271.2	1.40	0.0	0.0	825.21	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140518	1430	+9:00	30-26.9265 N	146-59.4835 E	6211.93		180.1	5.54	184.2	5.70	286.2	0.5	825.60	
*	140518	1500	+9:00	30-21.5146 N	146-59.6669 E	6215.83		176.0	11.49	176.5	11.60	262.6	0.4	830.96	
*	140518	1530	+9:00	30-15.6587 N	147-00.0791 E	6245.40		179.1	11.74	179.6	11.70	266.3	0.4	836.80	
	140518	1559	+9:00	30-13.4891 N	146-59.9910 E	6246.76	C05A	326.2	-0.28	278.2	0.10	354.5	0.3	839.08	STARTED CTD
*	140518	1600	+9:00	30-13.4891 N	146-59.9910 E	6246.69		325.4	-0.28	284.8	0.10	354.5	0.3	839.08	
	140518	1613	+9:00	30-13.4888 N	146-59.9919 E	6246.74	C05A	326.0	-0.33	133.5	0.00	328.6	0.3	839.08	CTD DEEPEST
	140518	1626	+9:00	30-13.4895 N	146-59.9913 E	6246.85	C05A	324.5	-0.25	346.5	0.10	354.6	0.3	839.08	FINISHED CTD
*	140518	1700	+9:00	30-13.4895 N	146-59.9914 E	6246.77		324.1	-0.29	311.4	0.10	320.6	0.4	839.08	
	140518	1728	+9:00	30-13.4891 N	146-59.9920 E	6246.58	C05B	325.3	-0.47	229.3	0.10	315.5	0.4	839.08	STARTED CTD
	140518	1741	+9:00	30-13.5964 N	146-59.9049 E	6245.88	C05B	324.9	0.06	324.9	0.60	323.7	0.4	839.10	CTD DEEPEST
	140518	1756	+9:00	30-13.6034 N	146-59.8991 E	6245.66	C05B	324.2	-0.77	145.3	0.30	314.6	0.2	839.10	FINISHED CTD
*	140518	1800	+9:00	30-13.5808 N	146-59.9172 E	6245.61		323.8	-0.77	140.4	0.30	327.4	0.2	839.10	
*	140518	1830	+9:00	30-13.4801 N	147-00.0084 E	6246.61		324.8	-0.44	95.6	0.10	318.8	0.4	839.10	
	140518	1838	+9:00	30-13.4799 N	147-00.0087 E	6246.30	C005	325.5	-0.41	87.0	0.10	337.7	0.2	839.10	STARTED CTD
*	140518	1900	+9:00	30-13.4806 N	147-00.0071 E	6246.90		299.2	0.04	323.1	0.20	37.2	0.4	839.11	
*	140518	1930	+9:00	30-13.4796 N	147-00.0079 E	6246.53		299.3	-0.09	248.0	0.10	6.2	0.3	839.11	
*	140518	2000	+9:00	30-13.4793 N	147-00.0076 E	6246.58		299.7	0.09	261.2	0.00	31.6	0.1	839.12	
*	140518	2030	+9:00	30-13.4797 N	147-00.0076 E	6246.29		299.4	-0.04	87.4	0.10	326.1	0.1	839.14	
	140518	2036	+9:00	30-13.4798 N	147-00.0076 E	6246.73	C005	299.9	-0.03	30.6	0.10	24.2	0.1	839.15	CTD DEEPEST
*	140518	2100	+9:00	30-13.4795 N	147-00.0076 E	6246.68		300.6	0.12	234.3	0.10	37.2	0.1	839.18	
*	140518	2130	+9:00	30-13.4796 N	147-00.0068 E	6246.40		300.2	0.01	260.8	0.10	261.1	0.1	839.23	
*	140518	2200	+9:00	30-13.4798 N	147-00.0076 E	6246.69		300.3	0.07	54.0	0.10	181.0	0.0	839.27	
*	140518	2230	+9:00	30-13.4798 N	147-00.0071 E	6246.33		299.5	0.11	253.8	0.00	96.5	0.1	839.32	
	140518	2237	+9:00	30-13.4794 N	147-00.0074 E	6246.91	C005	299.9	0.14	96.9	0.10	221.2	0.2	839.33	FINISHED CTD
*	140518	2300	+9:00	30-12.9001 N	147-00.0382 E	6243.45		180.5	9.02	179.1	9.20	201.4	0.1	839.95	
*	140518	2330	+9:00	30-07.2605 N	147-00.1483 E	6256.21		180.6	11.93	179.1	12.20	351.5	0.2	845.48	
*	140519	0000	+9:00	30-01.1819 N	147-00.2387 E	6242.94		179.8	11.86	179.6	12.30	345.6	0.1	851.41	
*	140519	0030	+9:00	29-55.1379 N	147-00.2539 E	6199.21		181.5	11.93	179.6	12.10	41.6	0.3	857.34	
*	140519	0100	+9:00	29-49.1939 N	147-00.1663 E	6225.34		183.0	11.85	181.7	12.00	27.3	0.3	863.26	
	140519	0124	+9:00	29-46.5425 N	147-00.0229 E	6189.79	C006	317.9	-0.04	89.6	0.00	308.2	0.3	865.99	STARTED CTD
*	140519	0130	+9:00	29-46.5295 N	147-00.0085 E	6189.55		320.2	-0.12	93.3	0.10	326.9	0.2	866.00	
*	140519	0200	+9:00	29-46.5295 N	147-00.0081 E	6189.67		319.8	-0.03	208.2	0.00	308.3	0.4	866.02	
*	140519	0230	+9:00	29-46.5295 N	147-00.0080 E	6178.41		320.2	0.06	133.9	0.00	309.6	0.1	866.06	
*	140519	0300	+9:00	29-46.5297 N	147-00.0080 E	6189.94		319.3	0.00	284.9	0.00	294.1	0.4	866.08	
	140519	0320	+9:00	29-46.5296 N	147-00.0083 E	6189.24	C006	320.7	-0.06	176.0	0.10	279.1	0.5	866.08	CTD DEEPEST
*	140519	0330	+9:00	29-46.5296 N	147-00.0082 E	6190.12		319.9	-0.09	23.1	0.00	280.7	0.5	866.08	
*	140519	0400	+9:00	29-46.5297 N	147-00.0088 E	6189.28		334.8	-0.22	178.5	0.00	276.7	0.4	866.08	

*	140519	0430	+9:00	29-46.5296 N	147-00.0090 E	6189.55		334.6	-0.14	60.2	0.00	289.5	0.6	866.08	
*	140519	0500	+9:00	29-46.5297 N	147-00.0088 E	6189.32		334.4	0.10	99.3	0.00	262.8	0.6	866.10	
*	140519	0530	+9:00	29-46.4697 N	146-59.8625 E	6192.30		334.4	-0.02	246.2	0.40	278.5	0.5	866.12	
	140519	0536	+9:00	29-46.4499 N	146-59.8149 E	6194.09	C006	334.5	0.05	245.4	0.50	275.6	0.6	866.12	FINISHED CTD
*	140519	0600	+9:00	29-48.8152 N	146-58.3544 E	6211.54		335.8	11.69	333.7	12.10	301.1	0.8	868.68	
*	140519	0630	+9:00	29-54.3104 N	146-55.3048 E	6248.74		334.9	11.67	334.2	12.30	326.3	0.6	874.46	
*	140519	0700	+9:00	29-59.5748 N	146-51.7043 E	6215.19		328.1	11.62	327.2	12.40	332.3	0.5	880.26	
*	140519	0730	+9:00	30-04.7365 N	146-47.8779 E	6233.00		327.6	11.40	328.0	12.20	353.5	0.6	886.01	
*	140519	0800	+9:00	30-10.0171 N	146-44.1270 E	6209.72		328.1	11.57	328.2	12.50	342.2	0.8	891.78	
	140519	0815	+9:00	30-11.4783 N	146-43.1154 E	6237.64	M2	45.2	0.95	7.0	1.40	350.8	0.6	893.35	STARTED SETTING OF MOORING BUOY SYSTEM
*	140519	0830	+9:00	30-12.1545 N	146-43.6007 E	6235.83		39.8	3.44	30.7	3.60	357.6	0.6	894.09	
*	140519	0900	+9:00	30-13.4038 N	146-44.3862 E	6249.73		51.1	1.25	28.1	1.30	347.1	0.6	895.43	
	140519	0902	+9:00	30-13.4537 N	146-44.4148 E	6249.99	M2	51.3	1.08	26.0	1.10	355.2	0.6	895.48	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140519	0930	+9:00	30-11.1323 N	146-41.8466 E	6240.44		220.8	11.62	223.3	12.00	330.4	0.6	899.06	
*	140519	1000	+9:00	30-06.9630 N	146-37.0719 E	6174.42		222.7	11.83	227.1	11.70	354.5	0.8	904.92	
*	140519	1030	+9:00	30-02.8744 N	146-32.1346 E	6148.85		223.3	11.70	224.1	11.70	52.5	0.3	910.78	
	140519	1115	+9:00	29-58.6440 N	146-25.8087 E	6123.74	M4	64.4	1.09	0.0	0.00	103.8	0.3	918.06	STARTED SETTING OF MOORING BUOY SYSTEM
*	140519	1130	+9:00	29-59.0632 N	146-26.6804 E	6135.57		64.2	2.99	61.0	3.30	89.4	0.3	918.85	
*	140519	1200	+9:00	29-59.7919 N	146-28.3332 E	6131.13		75.1	3.69	68.0	3.90	61.0	0.4	920.34	
	140519	1217	+9:00	30-00.1197 N	146-29.0737 E	6129.00	M4	74.8	0.93	51.2	1.20	41.4	0.4	921.02	FINISHED SETTING OF MOORING BUOY SYSTEM
*	140519	1230	+9:00	30-00.2899 N	146-30.9775 E	6149.16		94.1	11.87	90.4	12.00	40.2	0.4	922.62	
*	140519	1300	+9:00	30-00.1017 N	146-37.7941 E	6220.59		96.8	11.75	92.1	11.80	20.5	0.7	928.51	
*	140519	1330	+9:00	29-59.9220 N	146-44.0804 E	6206.79		99.9	5.36	88.9	5.00	350.0	0.6	934.04	
	140519	1338	+9:00	29-59.8788 N	146-44.3867 E	6208.51	C007	207.7	0.65	350.7	0.20	345.3	0.7	934.43	STARTED CTD
*	140519	1400	+9:00	29-59.9989 N	146-44.3774 E	6209.30		206.1	0.65	296.4	0.00	340.5	0.6	934.60	
*	140519	1430	+9:00	29-59.9990 N	146-44.3776 E	6208.87		205.9	0.79	19.9	0.00	347.5	0.7	934.98	
*	140519	1500	+9:00	29-59.9988 N	146-44.3775 E	6209.24		205.8	0.84	171.2	0.00	345.1	0.6	935.39	
*	140519	1530	+9:00	29-59.9984 N	146-44.3779 E	6209.24		230.9	0.69	196.9	0.10	351.7	0.5	935.79	
	140519	1536	+9:00	29-59.9994 N	146-44.3765 E	6209.34	C007	234.2	0.63	24.3	0.00	345.3	0.4	935.86	CTD DEEPEST
*	140519	1600	+9:00	30-00.0003 N	146-44.3766 E	6209.29		243.9	0.46	6.2	0.10	337.5	0.5	936.06	
*	140519	1630	+9:00	29-59.9995 N	146-44.3764 E	6209.53		240.6	0.49	210.9	0.10	337.8	0.6	936.27	
*	140519	1730	+9:00	30-00.0016 N	146-44.3766 E	6209.20		285.4	-0.03	21.4	0.10	354.1	0.7	936.37	
	140519	1747	+9:00	30-00.1814 N	146-44.4060 E	6211.72	C007	289.8	0.11	18.3	0.80	359.3	0.7	936.40	FINISHED CTD
*	140519	1800	+9:00	30-00.3243 N	146-44.4641 E	6216.13		290.1	0.11	13.8	0.90	354.1	0.6	936.42	
*	140519	1830	+9:00	30-03.5595 N	146-40.9084 E	6214.33		310.5	11.59	314.5	12.30	1.5	0.6	940.60	
*	140519	1900	+9:00	30-07.9035 N	146-35.7948 E	6191.08		309.8	11.50	314.8	12.50	352.4	0.9	946.42	
*	140519	1930	+9:00	30-12.1399 N	146-30.6004 E	6217.92		307.8	10.87	312.9	11.70	342.1	1.0	952.17	
	140519	1951	+9:00	30-13.5300 N	146-28.7467 E	6142.78	C008	252.7	0.34	73.5	0.10	350.1	0.9	954.17	STARTED CTD

*	140519	2000	+9:00	30-13. 5307 N	146-28. 7462 E	6142. 70		259. 4	0. 31	6. 6	0. 00	345. 3	0. 8	954. 20	
*	140519	2030	+9:00	30-13. 5994 N	146-28. 7321 E	6143. 33		264. 6	0. 31	177. 9	0. 00	346. 6	0. 8	954. 35	
*	140519	2100	+9:00	30-13. 5996 N	146-28. 7320 E	6143. 31		265. 1	0. 33	222. 4	0. 00	355. 7	0. 8	954. 52	
	140519	2146	+9:00	30-13. 6001 N	146-28. 7323 E	6143. 22	C008	265. 4	0. 30	340. 7	0. 10	348. 9	0. 7	954. 76	CTD DEEPEST
*	140519	2200	+9:00	30-13. 5994 N	146-28. 7321 E	6143. 10		265. 2	0. 23	95. 8	0. 10	349. 5	0. 6	954. 82	
*	140519	2230	+9:00	30-13. 5995 N	146-28. 7324 E	6143. 09		264. 9	0. 14	187. 6	0. 00	348. 5	0. 8	954. 91	
*	140519	2300	+9:00	30-13. 5997 N	146-28. 7326 E	6143. 34		264. 7	0. 21	16. 0	0. 00	348. 2	0. 8	954. 97	
*	140519	2330	+9:00	30-13. 5995 N	146-28. 7322 E	6143. 25		265. 3	-0. 02	330. 3	0. 00	350. 2	0. 7	955. 03	
	140519	2349	+9:00	30-13. 6587 N	146-28. 7262 E	6143. 29	C008	264. 7	0. 04	357. 3	0. 30	339. 6	0. 8	955. 05	FINISHED CTD
*	140520	0000	+9:00	30-13. 7249 N	146-28. 6983 E	6143. 07		256. 1	0. 15	321. 2	0. 50	348. 1	0. 9	955. 07	
*	140520	0030	+9:00	30-17. 5192 N	146-32. 7106 E	6170. 76		49. 5	11. 53	46. 2	12. 20	318. 9	1. 2	960. 06	
*	140520	0100	+9:00	30-21. 6921 N	146-37. 7794 E	6208. 28		50. 6	11. 69	47. 8	11. 90	324. 2	0. 6	965. 93	
*	140520	0130	+9:00	30-25. 6316 N	146-42. 9002 E	6216. 55		50. 1	11. 55	48. 8	11. 90	281. 3	0. 5	971. 81	
*	140520	0200	+9:00	30-26. 9123 N	146-44. 5392 E	6209. 63		124. 9	-0. 13	276. 7	0. 30	282. 5	0. 5	973. 83	
*	140520	0230	+9:00	30-26. 9553 N	146-44. 4638 E	6209. 92		122. 9	0. 25	55. 8	0. 00	281. 1	0. 6	973. 90	
	140520	0232	+9:00	30-26. 9569 N	146-44. 4606 E	6210. 11	C009	123. 0	0. 21	300. 6	0. 10	294. 5	0. 6	973. 90	STARTED CTD
*	140520	0300	+9:00	30-26. 9804 N	146-44. 4177 E	6210. 93		122. 6	0. 19	171. 1	0. 10	296. 7	0. 6	974. 00	
*	140520	0330	+9:00	30-26. 9807 N	146-44. 4181 E	6210. 93		122. 9	0. 25	109. 3	0. 00	306. 4	0. 6	974. 11	
*	140520	0400	+9:00	30-26. 9797 N	146-44. 4158 E	6210. 77		185. 1	0. 11	305. 3	0. 10	294. 0	0. 7	974. 18	
	140520	0429	+9:00	30-26. 9802 N	146-44. 4163 E	6210. 67	C009	170. 0	0. 30	151. 1	0. 00	324. 3	0. 6	974. 24	CTD DEEPEST
*	140520	0430	+9:00	30-26. 9801 N	146-44. 4164 E	6210. 71		170. 0	0. 28	50. 3	0. 00	324. 3	0. 6	974. 25	
*	140520	0500	+9:00	30-26. 9797 N	146-44. 4165 E	6210. 64		170. 3	0. 33	224. 6	0. 00	311. 9	0. 6	974. 39	
*	140520	0530	+9:00	30-26. 9801 N	146-44. 4166 E	6210. 26		169. 6	0. 32	347. 0	0. 00	317. 2	0. 7	974. 56	
*	140520	0600	+9:00	30-26. 9799 N	146-44. 4170 E	6210. 23		159. 7	0. 30	277. 6	0. 00	316. 8	0. 7	974. 74	
*	140520	0630	+9:00	30-27. 0273 N	146-44. 3965 E	6211. 20		160. 0	0. 14	335. 9	0. 20	326. 7	0. 6	974. 88	
	140520	0637	+9:00	30-27. 0584 N	146-44. 3838 E	6211. 64	C009	160. 3	0. 20	342. 5	0. 30	329. 9	0. 6	974. 90	FINISHED CTD
*	140520	0700	+9:00	30-27. 3269 N	146-44. 9532 E	6209. 83		44. 6	10. 14	42. 2	10. 10	324. 2	0. 8	975. 87	
*	140520	0730	+9:00	30-31. 7216 N	146-49. 6158 E	5704. 33		47. 6	11. 72	43. 9	12. 10	321. 1	0. 6	981. 70	
*	140520	0800	+9:00	30-35. 9823 N	146-54. 5590 E	6195. 00		47. 9	11. 69	45. 7	12. 10	338. 8	0. 6	987. 57	
*	140520	0830	+9:00	30-40. 1523 N	146-59. 3939 E	6125. 95		30. 1	10. 25	28. 6	10. 40	357. 9	0. 2	993. 35	
	140520	0843	+9:00	-	-	0. 00	C010	0. 0	0. 00	0. 0	0. 00	0. 0	0. 0	6627. 24	STARTED CTD
*	140520	0900	+9:00	30-40. 4560 N	147-00. 0407 E	6139. 97		89. 6	0. 19	319. 5	0. 00	356. 7	0. 2	994. 16	
*	140520	0930	+9:00	30-40. 4553 N	147-00. 0407 E	6139. 88		109. 8	0. 18	157. 5	0. 10	0. 5	0. 1	994. 26	
*	140520	1000	+9:00	30-40. 4551 N	147-00. 0404 E	6139. 84		114. 9	0. 23	139. 3	0. 00	9. 5	0. 1	994. 37	
*	140520	1030	+9:00	30-40. 4555 N	147-00. 0405 E	6139. 82		114. 8	0. 39	13. 2	0. 00	304. 2	0. 2	994. 53	
	140520	1038	+9:00	30-40. 4553 N	147-00. 0405 E	6139. 91	C010	115. 1	0. 42	98. 4	0. 00	309. 7	0. 2	994. 58	CTD DEEPEST
*	140520	1100	+9:00	30-40. 4553 N	147-00. 0404 E	6139. 78		114. 9	0. 47	273. 1	0. 00	284. 8	0. 1	994. 74	

*	140520	1130	+9:00	30-40.4554 N	147-00.0405 E	6139.85		115.2	0.39	281.1	0.00	342.3	0.2	994.96	
*	140520	1200	+9:00	30-40.4552 N	147-00.0401 E	6139.96		125.1	0.55	271.7	0.00	338.9	0.2	995.19	
*	140520	1230	+9:00	30-40.4546 N	147-00.0400 E	6139.86		139.6	0.59	162.7	0.00	323.6	0.3	995.48	
	140520	1238	+9:00	30-40.4546 N	147-00.0399 E	6139.80	C010	139.7	0.53	169.0	0.00	336.7	0.3	995.56	FINISHED CTD
*	140520	1300	+9:00	30-39.4280 N	147-01.2224 E	6143.64		131.1	11.14	132.8	11.20	256.0	0.2	997.12	
*	140520	1330	+9:00	30-35.1978 N	147-05.9372 E	6169.11		133.5	11.58	137.4	12.00	194.7	0.6	1002.88	
*	140520	1400	+9:00	30-31.0313 N	147-10.9120 E	6204.80		130.1	11.58	133.8	11.90	183.4	0.9	1008.65	
*	140520	1430	+9:00	30-27.2216 N	147-15.5312 E	6221.83		127.6	3.48	140.3	4.10	177.9	1.3	1013.84	
	140520	1438	+9:00	-	-	6221.45	C011	132.9	-0.10	0.0	0.00	181.1	1.2	1013.95	STARTED CTD
*	140520	1500	+9:00	30-26.8570 N	147-15.5871 E	6220.57		90.2	0.39	186.5	0.30	195.4	1.6	1014.03	
*	140520	1530	+9:00	30-26.8267 N	147-15.5790 E	6220.54		107.3	-0.06	256.2	0.00	194.2	1.5	1014.07	
*	140520	1600	+9:00	30-26.8265 N	147-15.5789 E	6220.52		105.9	0.09	240.2	0.00	190.2	1.4	1014.12	
*	140520	1630	+9:00	30-26.8269 N	147-15.5793 E	6220.61		107.0	0.29	358.7	0.00	191.9	1.3	1014.25	
	140520	1634	+9:00	30-26.8263 N	147-15.5792 E	6220.69	C011	106.8	0.31	82.4	0.00	190.3	1.3	1014.26	CTD DEEPEST
*	140520	1700	+9:00	30-26.8268 N	147-15.5787 E	6220.76		98.9	0.45	350.5	0.10	194.1	1.3	1014.38	
*	140520	1730	+9:00	30-26.8269 N	147-15.5792 E	6220.65		100.2	0.39	177.4	0.10	196.5	1.2	1014.58	
*	140520	1800	+9:00	30-26.8272 N	147-15.5789 E	6220.73		100.0	0.34	186.9	0.00	198.2	1.2	1014.76	
*	140520	1830	+9:00	30-26.7283 N	147-15.5159 E	6221.55		123.5	0.05	210.6	0.60	182.8	1.0	1014.87	
	140520	1844	+9:00	30-26.5532 N	147-15.4102 E	6222.40	C011	130.4	0.59	170.3	1.30	194.5	1.1	1014.90	FINISHED CTD
*	140520	1900	+9:00	30-26.2116 N	147-15.4731 E	6222.64		129.6	0.61	175.5	1.40	200.4	1.2	1015.05	
*	140520	1930	+9:00	30-25.4135 N	147-15.7375 E	6222.28		126.0	0.80	163.4	1.60	202.8	1.1	1015.49	
*	140520	2000	+9:00	30-21.9242 N	147-19.9787 E	6228.62		129.8	11.26	132.4	11.90	211.4	0.6	1020.23	
*	140520	2030	+9:00	30-17.8662 N	147-25.1141 E	6215.23		129.7	11.31	131.7	12.10	201.2	0.5	1025.88	
*	140520	2100	+9:00	30-13.9435 N	147-30.3943 E	6205.35		130.1	10.32	129.2	11.10	164.7	0.6	1031.50	
	140520	2125	+9:00	30-13.5550 N	147-31.1406 E	6182.14	C012	130.0	0.00	75.3	0.00	146.8	0.6	6627.24	STARTED CTD
*	140520	2130	+9:00	30-13.5551 N	147-31.1402 E	6182.10		130.0	-0.47	42.4	0.00	153.3	0.6	1032.30	
*	140520	2200	+9:00	30-13.5292 N	147-31.1763 E	6181.31		129.8	-0.52	17.4	0.10	205.9	0.5	1032.30	
*	140520	2230	+9:00	30-13.5286 N	147-31.1745 E	6181.33		144.1	-0.64	72.4	0.00	164.6	0.7	1032.30	
*	140520	2300	+9:00	30-13.5288 N	147-31.1751 E	6181.45		145.0	-0.69	175.4	0.00	155.3	0.8	1032.30	
	140520	2323	+9:00	30-13.5289 N	147-31.1758 E	6181.35	C012	145.5	-0.70	25.8	0.10	154.6	0.8	1032.30	CTD DEEPEST
*	140520	2330	+9:00	30-13.5290 N	147-31.1758 E	6181.48		151.6	-0.59	13.5	0.10	155.6	0.9	1032.30	
*	140521	0000	+9:00	30-13.5284 N	147-31.1752 E	6181.20		150.0	-0.66	125.0	0.00	155.7	0.8	1032.30	
*	140521	0030	+9:00	30-13.5294 N	147-31.1760 E	6181.18		137.0	-0.52	258.0	0.00	158.1	0.9	1032.30	
*	140521	0100	+9:00	30-13.5287 N	147-31.1747 E	6181.17		135.1	-0.78	76.4	0.10	154.0	0.8	1032.30	
	140521	0122	+9:00	30-13.3587 N	147-31.1773 E	6180.32	C012	140.5	-0.14	202.2	1.00	160.0	0.8	1032.30	FINISHED CTD
*	140521	0130	+9:00	30-13.2091 N	147-31.1430 E	6181.41		139.7	-0.06	191.1	1.20	165.0	0.8	1032.31	
*	140521	0200	+9:00	30-10.6519 N	147-34.0422 E	6134.26		132.2	10.77	131.2	11.90	141.2	1.1	1035.48	

*	140521	0230	+9:00	30-06.6419 N	147-39.2312 E	6169.26		134.3	11.06	133.1	12.10	134.2	0.7	1040.96	
*	140521	0300	+9:00	30-02.4386 N	147-44.0328 E	6163.22		139.4	11.04	138.4	11.70	139.8	0.8	1046.47	
	140521	0327	+9:00	30-00.0551 N	147-46.6559 E	6189.12	C013	137.5	0.35	141.5	0.50	128.2	0.5	1049.61	STARTED CTD
*	140521	0330	+9:00	30-00.0489 N	147-46.6616 E	6189.05		149.0	0.00	31.8	0.00	136.8	0.6	1049.62	
*	140521	0430	+9:00	30-00.0065 N	147-46.7907 E	6186.85		130.5	-0.08	218.9	0.10	129.1	0.7	1049.68	
*	140521	0500	+9:00	30-00.0074 N	147-46.7916 E	6186.79		130.4	-0.07	303.7	0.10	122.7	0.7	1049.68	
	140521	0523	+9:00	30-00.0067 N	147-46.7922 E	6186.97	C013	0.0	0.00	207.2	0.10	113.3	0.6	1049.68	CTD DEEPEST
*	140521	0530	+9:00	30-00.0065 N	147-46.7906 E	6186.76		131.3	-0.09	271.9	0.20	107.4	0.8	1049.68	
*	140521	0600	+9:00	30-00.0063 N	147-46.7913 E	6187.10		130.0	-0.03	200.0	0.00	115.8	0.7	1049.69	
*	140521	0630	+9:00	30-00.0057 N	147-46.7908 E	6186.88		128.9	-0.46	129.9	0.00	114.3	0.8	1049.69	
*	140521	0700	+9:00	30-00.0078 N	147-46.7906 E	6186.94		130.4	-0.20	87.6	0.10	121.3	0.7	1049.69	
*	140521	0730	+9:00	29-59.9508 N	147-47.0531 E	6185.56		150.1	-0.65	332.8	0.10	134.5	0.8	1049.73	
	140521	0735	+9:00	29-59.9551 N	147-47.0399 E	6187.18	C013	148.5	-0.43	307.7	0.20	124.1	0.7	1049.73	FINISHED CTD
*	140521	0800	+9:00	29-58.8817 N	147-45.8358 E	6176.23		230.3	11.31	226.0	10.80	130.3	0.7	1051.26	
*	140521	0830	+9:00	29-54.9067 N	147-41.0845 E	6252.46		229.9	11.93	225.0	11.50	143.5	1.0	1057.23	
*	140521	0900	+9:00	29-50.8422 N	147-36.2807 E	6275.12		235.7	12.05	229.5	11.50	152.8	1.4	1063.26	
*	140521	0930	+9:00	29-47.2237 N	147-31.2083 E	6283.36		234.5	9.76	230.2	9.30	165.8	0.8	1069.16	
*	140521	1000	+9:00	29-46.5704 N	147-31.0429 E	6290.36		209.7	-0.14	81.6	0.10	175.4	0.8	1069.81	
	140521	1003	+9:00	29-46.5695 N	147-31.0428 E	6290.43	C014	209.2	-0.05	65.8	0.00	164.0	0.7	1069.81	STARTED CTD
*	140521	1030	+9:00	29-46.4502 N	147-31.1662 E	6292.48		170.0	-0.16	171.0	0.40	160.6	0.7	1069.82	
*	140521	1100	+9:00	29-46.4333 N	147-31.1694 E	6293.19		168.4	-0.62	297.7	0.10	174.8	0.5	1069.82	
*	140521	1130	+9:00	29-46.4340 N	147-31.1696 E	6293.00		190.7	-0.20	183.7	0.10	169.6	0.6	1069.82	
*	140521	1200	+9:00	29-46.4336 N	147-31.1694 E	6293.99		191.5	-0.27	232.4	0.10	161.9	0.5	1069.82	
	140521	1201	+9:00	29-46.4338 N	147-31.1698 E	6293.46	C014	190.0	-0.19	135.0	0.00	165.3	0.5	1069.82	CTD DEEPEST
*	140521	1230	+9:00	29-46.4350 N	147-31.1684 E	6292.85		215.5	0.00	91.6	0.10	172.0	0.6	1069.84	
*	140521	1300	+9:00	29-46.4044 N	147-31.2168 E	6291.79		215.2	-0.15	147.4	0.20	176.4	0.5	1069.91	
*	140521	1330	+9:00	29-46.3791 N	147-31.2582 E	6291.02		221.1	-0.10	103.6	0.00	169.6	0.5	1069.95	
*	140521	1400	+9:00	29-46.2118 N	147-31.4240 E	6291.76		222.0	0.24	60.2	0.10	155.8	0.5	1069.99	
	140521	1401	+9:00	29-46.2125 N	147-31.4231 E	6291.83	C014	221.2	0.32	332.6	0.00	164.3	0.4	1070.00	FINISHED CTD
*	140521	1430	+9:00	29-44.9290 N	147-29.8962 E	6290.70		229.8	11.56	226.1	11.30	144.6	0.3	1071.90	
*	140521	1500	+9:00	29-41.1679 N	147-25.0974 E	6251.06		230.6	11.10	228.1	11.10	20.5	0.1	1077.59	
*	140521	1530	+9:00	29-37.3752 N	147-20.4779 E	6233.59		226.4	11.28	225.5	11.20	277.4	0.2	1083.24	
*	140521	1600	+9:00	29-33.5279 N	147-16.1388 E	6262.08		222.9	7.68	225.0	7.40	297.2	0.6	1088.74	
	140521	1618	+9:00	29-33.0483 N	147-15.5911 E	6262.53	C015	0.0	0.15	113.1	0.10	315.1	0.5	1089.47	STARTED CTD
*	140521	1630	+9:00	29-33.0478 N	147-15.5912 E	6262.56		224.1	0.13	202.5	0.10	316.7	0.6	1089.50	
*	140521	1700	+9:00	29-33.0472 N	147-15.5913 E	6262.61		224.8	0.00	341.9	0.00	313.9	0.5	1089.56	
*	140521	1730	+9:00	29-33.0476 N	147-15.5914 E	6262.55		226.0	0.03	99.9	0.10	305.9	0.4	1089.60	
*	140521	1800	+9:00	29-33.0471 N	147-15.5914 E	6262.98		223.7	0.01	39.3	0.00	299.4	0.5	1089.62	

	140521	1819	+9:00	29-33.0482 N	147-15.5911 E	6262.79	C015	224.1	0.09	312.0	0.10	301.4	0.4	1089.64	CTD DEEPEST
*	140521	1830	+9:00	29-33.0485 N	147-15.5919 E	6262.76		222.6	0.11	113.2	0.10	295.6	0.4	1089.65	
*	140521	1900	+9:00	29-33.0477 N	147-15.5913 E	6262.83		222.5	0.02	311.8	0.10	309.2	0.6	1089.69	
*	140521	1930	+9:00	29-33.0479 N	147-15.5912 E	6263.08		223.7	0.21	171.7	0.10	329.7	0.6	1089.76	
*	140521	2000	+9:00	29-33.0491 N	147-15.5904 E	6261.46		219.4	0.32	217.9	0.30	316.0	0.7	1089.85	
	140521	2020	+9:00	29-33.0483 N	147-15.5899 E	6262.77	C015	217.1	0.20	182.3	0.20	301.4	0.5	1089.90	FINISHED CTD
*	140521	2030	+9:00	29-33.0478 N	147-15.5907 E	6263.15		210.2	0.20	359.8	0.10	303.1	0.5	1089.92	
*	140521	2100	+9:00	29-31.4736 N	147-15.3228 E	6297.98		189.5	5.51	187.4	5.20	310.6	0.6	1091.63	
*	140521	2130	+9:00	29-27.1827 N	147-14.4690 E	6169.72		190.8	9.22	192.3	8.90	311.9	0.5	1096.17	
*	140521	2200	+9:00	29-22.7859 N	147-13.5122 E	6070.21		189.2	9.24	189.6	9.00	287.0	0.7	1100.82	
*	140521	2230	+9:00	29-18.4280 N	147-12.5922 E	6224.51		190.8	9.03	190.8	8.90	282.6	0.7	1105.40	
*	140521	2300	+9:00	29-14.0122 N	147-11.7709 E	6175.94		188.0	8.72	185.9	8.70	304.1	0.4	1109.93	
*	140521	2330	+9:00	29-09.7990 N	147-11.1438 E	6144.31		184.6	9.40	181.8	8.90	316.2	0.4	1114.41	
*	140522	0000	+9:00	29-05.5644 N	147-10.8739 E	6158.68		183.7	8.69	182.1	8.20	287.3	0.6	1118.83	
*	140522	0030	+9:00	29-01.2772 N	147-10.8786 E	6092.81		179.0	8.76	177.9	8.60	260.3	0.6	1123.32	
*	140522	0100	+9:00	28-56.9194 N	147-11.0550 E	6166.40		182.4	8.86	179.6	8.50	270.2	0.7	1127.91	
*	140522	0130	+9:00	28-52.5974 N	147-11.1330 E	5986.86		180.2	8.88	178.2	8.50	261.9	0.5	1132.42	
*	140522	0200	+9:00	28-48.1045 N	147-11.0746 E	6188.27		179.8	8.83	181.0	9.20	246.5	1.0	1136.91	
*	140522	0230	+9:00	28-43.4119 N	147-10.8395 E	6178.53		180.6	9.48	180.3	9.90	209.6	1.1	1141.46	
*	140522	0300	+9:00	28-38.4987 N	147-10.6873 E	6158.71		197.0	9.05	191.5	9.50	179.9	0.5	1146.13	
*	140522	0330	+9:00	28-33.6446 N	147-10.3366 E	5833.31		188.2	9.54	181.1	9.60	158.3	0.6	1150.78	
*	140522	0400	+9:00	28-28.9074 N	147-09.8798 E	6130.08		192.5	9.71	184.8	9.70	148.2	0.3	1155.52	
*	140522	0430	+9:00	28-24.2221 N	147-09.3945 E	6081.50		192.0	9.13	183.8	9.00	105.9	0.7	1160.26	
*	140522	0500	+9:00	28-19.6742 N	147-08.7887 E	5914.34		193.0	8.43	185.3	8.50	122.8	0.6	1164.82	
*	140522	0530	+9:00	28-15.7228 N	147-07.8691 E	5839.02		200.2	8.43	195.6	8.20	126.2	0.3	1168.90	
*	140522	0600	+9:00	28-11.7894 N	147-06.6883 E	5758.89		199.5	8.11	193.6	8.00	205.5	0.4	1173.03	
*	140522	0630	+9:00	28-07.8695 N	147-05.3252 E	0.00		201.5	8.16	200.9	8.30	225.1	0.4	1177.15	
*	140522	0700	+9:00	28-04.4928 N	147-03.6850 E	5218.26		354.0	8.74	351.4	8.40	234.0	0.6	1181.15	
*	140522	0730	+9:00	28-09.8642 N	147-05.2458 E	5706.81		17.4	12.05	16.7	11.70	230.3	0.3	1186.88	
*	140522	0800	+9:00	28-15.4084 N	147-07.1929 E	5841.91		15.0	11.99	17.0	11.50	156.6	0.4	1192.87	
*	140522	0830	+9:00	28-20.9940 N	147-09.2429 E	5952.62		16.4	11.94	20.2	11.60	114.9	0.3	1198.86	
*	140522	0900	+9:00	28-26.5362 N	147-10.6146 E	6113.41		349.0	11.79	355.0	11.40	32.0	0.4	1204.85	
*	140522	0930	+9:00	28-32.0903 N	147-09.8824 E	6172.74		350.4	11.64	353.4	11.20	100.9	0.3	1210.84	
*	140522	1000	+9:00	28-37.7473 N	147-08.9300 E	6158.83		349.8	11.83	351.5	11.50	158.3	0.2	1216.81	
*	140522	1100	+9:00	28-48.7620 N	147-06.2609 E	6192.08		349.9	11.92	349.3	11.20	252.2	0.8	1228.75	
*	140522	1200	+9:00	28-59.4708 N	147-03.2248 E	6095.09		351.0	11.96	346.0	11.30	260.4	0.6	1240.65	
*	140522	1230	+9:00	29-05.0962 N	147-01.6669 E	6130.44		352.0	11.83	347.8	11.60	303.6	0.8	1246.59	
*	140522	1300	+9:00	29-10.8383 N	147-00.5523 E	6149.58		355.8	11.97	352.0	11.50	277.5	0.5	1252.54	

*	140522	1330	+9:00	29-16.5738 N	147-00.0991 E	6167.04		0.2	12.12	358.1	11.60	282.6	0.6	1258.51	
	140522	1359	+9:00	29-19.5382 N	147-00.0573 E	6168.05	C016	268.8	-0.39	277.9	0.10	282.9	0.7	1261.65	STARTED CTD
*	140522	1400	+9:00	29-19.5390 N	147-00.0569 E	6167.68		269.9	-0.49	18.8	0.10	282.9	0.7	1261.65	
*	140522	1430	+9:00	29-19.5333 N	146-59.9542 E	6163.09		261.9	-0.45	93.1	0.00	7.8	1.2	1261.66	
*	140522	1500	+9:00	29-19.5327 N	146-59.9538 E	6163.17		260.0	-0.43	280.3	0.10	290.1	0.6	1261.66	
*	140522	1530	+9:00	29-19.5332 N	146-59.9541 E	6163.35		259.1	-0.68	3.9	0.00	294.9	0.6	1261.66	
	140522	1554	+9:00	29-19.5331 N	146-59.9543 E	6163.55		259.4	-0.57	0.0	0.00	286.0	0.8	1261.66	
	140522	1556	+9:00	29-19.5336 N	146-59.9544 E	6163.72	C016	260.8	-0.59	124.3	0.10	290.4	0.8	1261.66	CTD DEEPEST
*	140522	1600	+9:00	29-19.5338 N	146-59.9548 E	6163.54		259.2	-0.67	240.2	0.10	289.5	0.8	1261.66	
*	140522	1630	+9:00	29-19.5329 N	146-59.9538 E	6163.43		259.1	-0.45	208.4	0.10	296.2	0.7	1261.66	
*	140522	1730	+9:00	29-19.5339 N	146-59.9546 E	6163.29		260.4	-0.55	74.8	0.10	292.0	0.6	1261.66	
*	140522	1800	+9:00	29-19.5334 N	146-59.8222 E	6158.15		270.2	0.00	264.4	0.70	300.5	0.5	1261.66	
	140522	1807	+9:00	29-19.5336 N	146-59.6997 E	6154.15	C016	268.8	0.19	278.1	0.90	257.7	1.0	1261.68	FINISHED CTD
*	140522	1830	+9:00	29-20.3966 N	146-58.6657 E	6126.74		319.5	9.95	317.8	10.40	278.0	0.6	1262.66	
*	140522	1900	+9:00	29-24.4624 N	146-54.0222 E	6112.27		315.0	11.05	316.3	11.70	323.3	0.7	1268.13	
*	140522	1930	+9:00	29-28.7016 N	146-49.4310 E	6038.73		314.4	11.23	315.8	11.40	322.8	0.6	1273.66	
*	140522	2000	+9:00	29-32.6047 N	146-44.9476 E	6020.42		312.1	6.85	317.4	7.10	294.5	0.6	1279.05	
	140522	2018	+9:00	29-33.0194 N	146-44.4896 E	6022.22	C017	279.5	-0.23	237.6	0.10	303.2	0.3	1279.57	STARTED CTD
*	140522	2030	+9:00	29-33.0195 N	146-44.4875 E	6021.29		280.9	-0.17	217.8	0.10	310.1	0.4	1279.57	
*	140522	2100	+9:00	29-33.0200 N	146-44.4879 E	6022.16		279.2	-0.11	137.8	0.20	321.9	0.4	1279.57	
*	140522	2130	+9:00	29-33.0204 N	146-44.4889 E	6022.25		284.1	-0.03	354.5	0.20	298.4	0.4	1279.57	
*	140522	2200	+9:00	29-33.0198 N	146-44.4882 E	6020.92		281.8	0.03	171.9	0.20	343.1	0.3	1279.60	
	140522	2210	+9:00	29-33.0208 N	146-44.4880 E	6024.73	C017	0.0	0.04	210.4	0.10	346.9	0.1	1279.61	CTD DEEPEST
*	140522	2230	+9:00	29-33.0205 N	146-44.4889 E	6020.88		304.3	0.09	220.2	0.10	321.9	0.2	1279.63	
*	140522	2300	+9:00	29-33.0198 N	146-44.4878 E	6021.51		306.0	-0.01	205.2	0.30	346.1	0.2	1279.67	
*	140522	2330	+9:00	29-33.0205 N	146-44.4888 E	6021.22		305.1	0.17	221.4	0.10	325.6	0.1	1279.74	
*	140523	0000	+9:00	29-33.0200 N	146-44.4895 E	6024.44		306.8	0.17	70.2	0.30	327.4	0.2	1279.82	
	140523	0003	+9:00	29-33.0204 N	146-44.4887 E	6021.74	C017	309.3	0.21	96.3	0.10	274.0	0.1	1279.83	FINISHED CTD
*	140523	0030	+9:00	29-34.3381 N	146-43.0417 E	6022.13		309.8	10.66	310.3	10.40	284.5	0.4	1281.72	
*	140523	0100	+9:00	29-37.5538 N	146-38.3686 E	6072.42		307.1	10.76	308.1	10.50	307.6	0.3	1287.07	
*	140523	0130	+9:00	29-40.7984 N	146-33.7174 E	0.00		307.9	10.80	307.7	10.20	113.0	0.4	1292.49	
	140523	0225	+9:00	29-46.4949 N	146-28.8954 E	6095.70	C018	320.9	0.47	271.2	0.20	203.9	0.2	1300.43	STARTED CTD
*	140523	0230	+9:00	29-46.4939 N	146-28.8941 E	6096.43		320.5	0.31	220.9	0.10	235.4	0.3	1300.45	
*	140523	0300	+9:00	29-46.4952 N	146-28.8934 E	6096.22		313.5	0.35	16.8	0.20	252.9	0.2	1300.60	
*	140523	0330	+9:00	29-46.4942 N	146-28.8937 E	6095.49		330.7	0.37	319.1	0.10	244.9	0.3	1300.75	
*	140523	0400	+9:00	29-46.4947 N	146-28.8937 E	6096.27		329.6	0.27	67.1	0.00	197.6	0.3	1300.91	
	140523	0426	+9:00	29-46.4943 N	146-28.8943 E	6095.26	C018	320.2	0.39	261.7	0.10	212.7	0.2	1301.04	CTD DEEPEST
*	140523	0430	+9:00	29-46.4946 N	146-28.8939 E	6095.90		317.6	0.39	33.6	0.10	198.2	0.4	1301.06	

*	140523	0500	+9:00	29-46.4949 N	146-28.8942 E	6095.64		323.7	0.31	221.5	0.00	241.2	0.2	1301.21	
*	140523	0530	+9:00	29-46.4941 N	146-28.8943 E	6095.38		318.1	0.46	300.8	0.30	209.4	0.3	1301.36	
*	140523	0600	+9:00	29-46.4949 N	146-28.8935 E	6096.00		319.6	0.26	249.6	0.10	217.9	0.3	1301.53	
	140523	0626	+9:00	29-46.4943 N	146-28.8930 E	6095.83	C018	319.7	0.22	221.8	0.10	229.5	0.5	1301.63	FINISHED CTD
*	140523	0630	+9:00	29-46.5062 N	146-28.8925 E	6096.61		319.5	1.04	329.3	0.90	245.1	0.3	1301.65	
*	140523	0700	+9:00	29-48.6836 N	146-26.3134 E	0.00		314.0	10.87	313.7	10.50	199.8	0.4	1304.81	
*	140523	0730	+9:00	29-52.4072 N	146-21.9837 E	6094.67		314.2	10.40	314.8	10.80	324.5	0.7	1310.18	
*	140523	0830	+9:00	29-59.8827 N	146-13.4255 E	6039.67		314.3	6.57	312.5	7.00	304.8	0.6	1320.47	
	140523	0842	+9:00	30-00.0310 N	146-13.2384 E	6070.47	C019	321.1	-0.42	144.9	0.10	329.6	0.6	1320.67	STARTED CTD
*	140523	0900	+9:00	30-00.0451 N	146-13.0817 E	6067.79		319.4	-0.25	331.7	0.50	330.9	0.5	1320.67	
*	140523	0930	+9:00	30-00.0559 N	146-13.0434 E	6066.73		297.2	-0.52	266.1	0.10	327.6	0.4	1320.67	
*	140523	1000	+9:00	30-00.0552 N	146-13.0432 E	6066.64		310.6	-0.61	221.4	0.20	312.9	0.5	1320.67	
*	140523	1030	+9:00	30-00.0562 N	146-13.0442 E	6066.75		326.9	-0.35	39.4	0.10	326.9	0.7	1320.67	
	140523	1035	+9:00	30-00.0552 N	146-13.0449 E	6066.43	C019	329.5	-0.45	355.6	0.10	318.5	0.6	1320.67	CTD DEEPEST
*	140523	1100	+9:00	30-00.0551 N	146-13.0444 E	6066.62		331.5	-0.37	248.2	0.10	321.7	0.6	1320.67	
*	140523	1130	+9:00	30-00.0562 N	146-13.0443 E	6066.53		328.3	-0.41	323.5	0.10	320.4	0.6	1320.67	
*	140523	1200	+9:00	30-00.0560 N	146-13.0443 E	6068.56		331.1	-0.28	295.4	0.10	333.7	0.6	1320.67	
*	140523	1230	+9:00	30-00.1707 N	146-12.9816 E	6065.44		328.3	0.25	346.9	0.90	2.5	0.6	1320.71	
	140523	1232	+0:00	30-00.1894 N	146-12.9787 E	6063.91	C019	329.9	0.00	14.8	0.60	342.0	0.4	1320.71	FINISHED CTD
*	140523	1300	+9:00	30-01.2704 N	146-11.4989 E	6081.68		293.0	11.28	293.8	11.50	352.6	0.4	1322.20	
*	140523	1330	+9:00	30-03.6921 N	146-05.3219 E	6149.02		292.6	11.57	293.3	12.10	306.4	0.1	1327.89	
*	140523	1400	+9:00	30-06.0666 N	145-59.1367 E	6178.97		295.2	11.44	294.2	11.50	343.2	0.3	1333.63	
*	140523	1430	+9:00	30-08.3871 N	145-53.0312 E	6287.59		294.4	11.31	292.1	11.20	297.3	0.4	1339.39	
*	140523	1500	+9:00	30-10.6778 N	145-47.0131 E	6126.27		294.0	11.47	294.3	11.00	21.0	0.3	1345.12	
*	140523	1530	+9:00	30-13.0548 N	145-41.1124 E	5953.14		289.1	11.50	294.6	11.50	43.8	0.2	1350.83	
*	140523	1600	+9:00	30-15.4269 N	145-35.2041 E	5942.26		292.1	11.24	294.2	11.20	70.6	0.2	1356.55	
*	140523	1630	+9:00	30-17.7036 N	145-29.3221 E	6066.20		294.0	11.59	293.2	11.10	71.8	0.4	1362.31	
*	140523	1700	+9:00	30-20.0495 N	145-23.4910 E	5941.73		294.3	11.62	292.7	11.00	53.1	0.5	1368.10	
*	140523	1730	+9:00	30-22.5108 N	145-17.6147 E	5933.56		294.5	11.64	297.0	11.40	58.0	0.5	1373.90	
*	140523	1800	+9:00	30-24.8207 N	145-11.5814 E	5935.09		293.9	11.59	291.5	11.50	66.2	0.3	1379.72	
*	140523	1830	+9:00	30-27.0961 N	145-05.4818 E	5946.11		289.4	11.61	291.0	11.40	45.0	0.3	1385.55	
*	140523	1900	+9:00	30-29.1530 N	144-59.3347 E	5926.76		293.5	11.39	295.8	11.40	37.5	0.7	1391.38	
*	140523	1930	+9:00	30-31.6830 N	144-53.2716 E	5968.42		293.3	11.68	296.5	11.60	15.7	0.9	1397.21	
*	140523	2000	+9:00	30-34.3029 N	144-47.2134 E	5832.40		294.8	11.64	295.9	11.90	15.5	0.7	1403.01	
*	140523	2030	+9:00	30-36.8506 N	144-40.9690 E	5970.10		293.2	11.63	293.7	12.00	312.3	0.5	1408.76	
*	140523	2100	+9:00	30-39.1251 N	144-34.4936 E	6005.13		292.6	11.64	291.5	11.90	276.9	0.4	1414.52	
*	140523	2130	+9:00	30-41.3241 N	144-28.0655 E	6049.65		293.2	11.67	291.7	11.80	295.3	0.4	1420.25	
*	140523	2200	+9:00	30-43.4475 N	144-21.6738 E	5985.91		293.4	11.43	290.9	12.10	223.5	0.7	1426.00	

*	140523	2230	+9:00	30-45. 5361 N	144-15. 1366 E	5922. 13		295. 0	11. 69	289. 0	12. 00	213. 5	0. 7	1431. 80	
*	140523	2330	+9:00	30-49. 6103 N	144-02. 0167 E	5907. 57		293. 5	11. 70	291. 6	12. 20	248. 0	0. 5	1443. 44	
*	140524	0000	+9:00	30-51. 8531 N	143-55. 5218 E	5871. 41		294. 8	11. 78	293. 9	12. 10	272. 3	0. 4	1449. 25	
*	140524	0030	+9:00	30-54. 1701 N	143-49. 0847 E	5755. 67		294. 2	11. 73	293. 5	12. 50	263. 6	0. 3	1455. 10	
*	140524	0100	+9:00	30-56. 5646 N	143-42. 5191 E	5740. 27		293. 5	11. 70	292. 3	12. 40	287. 3	0. 8	1460. 93	
*	140524	0130	+9:00	30-58. 9591 N	143-35. 8939 E	5765. 61		293. 9	11. 56	294. 0	12. 50	278. 7	0. 4	1466. 76	
*	140524	0200	+9:00	31-01. 3734 N	143-29. 3198 E	5835. 93		294. 7	11. 88	294. 0	12. 20	301. 1	0. 5	1472. 63	
*	140524	0300	+9:00	31-06. 1582 N	143-16. 2636 E	5196. 85		293. 2	11. 71	291. 0	12. 20	265. 7	0. 7	1484. 38	
*	140524	0330	+9:00	31-08. 4150 N	143-09. 5134 E	5833. 57		294. 5	11. 96	291. 5	12. 70	255. 4	0. 9	1490. 28	
*	140524	0400	+9:00	31-10. 5652 N	143-02. 5264 E	5900. 47		294. 2	12. 04	289. 7	12. 90	252. 1	1. 0	1496. 23	
*	140524	0430	+9:00	31-12. 7974 N	142-55. 4000 E	6065. 67		296. 0	11. 75	291. 7	13. 00	258. 9	1. 0	1502. 20	
*	140524	0500	+9:00	31-15. 4060 N	142-48. 4163 E	6489. 79		295. 1	11. 92	294. 9	13. 10	280. 3	0. 8	1508. 17	
*	140524	0530	+9:00	31-18. 1195 N	142-41. 5792 E	6679. 32		294. 3	11. 96	294. 5	12. 90	293. 5	0. 7	1514. 13	
*	140524	0600	+9:00	31-20. 8663 N	142-34. 8405 E	7543. 32		295. 0	11. 98	294. 5	12. 60	291. 1	0. 5	1520. 10	
*	140524	0630	+9:00	31-23. 4215 N	142-28. 2032 E	7501. 31		294. 1	11. 93	292. 9	12. 10	256. 1	0. 5	1526. 08	
*	140524	0700	+9:00	31-25. 6832 N	142-21. 5107 E	8584. 23		294. 0	11. 99	290. 6	12. 40	235. 7	0. 7	1532. 06	
*	140524	0730	+9:00	31-27. 8392 N	142-14. 6492 E	8830. 01		293. 7	12. 03	289. 7	12. 80	245. 7	0. 9	1538. 05	
*	140524	0800	+9:00	31-29. 9757 N	142-07. 5826 E	9428. 07		293. 1	11. 86	289. 9	12. 80	239. 1	0. 9	1544. 05	
*	140524	0830	+9:00	31-32. 2199 N	142-00. 5781 E	7054. 43		293. 8	12. 09	290. 9	12. 70	257. 2	0. 9	1550. 05	
*	140524	0900	+9:00	31-33. 9258 N	141-53. 3404 E	5688. 99		284. 4	11. 96	279. 6	13. 00	250. 2	1. 0	1556. 08	
*	140524	0930	+9:00	31-35. 1613 N	141-45. 8449 E	0. 00		283. 2	11. 98	279. 4	12. 80	269. 4	0. 9	1562. 12	
*	140524	1000	+9:00	31-36. 6099 N	141-38. 3888 E	5527. 30		284. 6	11. 84	281. 8	13. 10	305. 3	0. 8	1568. 14	
*	140524	1030	+9:00	31-37. 8768 N	141-30. 9431 E	4835. 70		279. 8	12. 04	280. 2	12. 90	310. 3	0. 8	1574. 20	
*	140524	1100	+9:00	31-39. 2123 N	141-23. 4710 E	4265. 24		280. 2	12. 04	283. 0	13. 00	336. 9	0. 9	1580. 25	
*	140524	1130	+9:00	31-40. 7578 N	141-16. 2203 E	3791. 53		279. 7	11. 99	283. 4	12. 50	353. 1	1. 1	1586. 31	
*	140524	1200	+9:00	31-41. 9047 N	141-09. 0518 E	3191. 28		276. 2	12. 44	277. 4	12. 60	10. 0	0. 8	1592. 34	
*	140524	1230	+9:00	31-42. 6786 N	141-01. 8437 E	3291. 26		276. 5	12. 45	274. 0	12. 10	347. 5	0. 4	1598. 40	
*	140524	1300	+9:00	31-43. 3275 N	140-54. 6790 E	3400. 48		275. 2	12. 10	275. 5	12. 30	325. 1	0. 2	1604. 46	
*	140524	1330	+9:00	31-44. 0621 N	140-47. 4590 E	2854. 75		277. 5	11. 91	277. 9	12. 80	229. 6	0. 3	1610. 50	
*	140524	1400	+9:00	31-45. 1403 N	140-40. 2064 E	2571. 36		282. 8	12. 24	282. 5	12. 40	253. 6	0. 3	1616. 56	
*	140524	1430	+9:00	31-46. 7056 N	140-33. 2405 E	2334. 69		282. 6	12. 08	286. 3	12. 00	14. 2	0. 4	1622. 60	
*	140524	1500	+9:00	31-48. 2168 N	140-26. 4131 E	2355. 80		281. 1	12. 00	285. 9	12. 00	14. 6	0. 5	1628. 65	
*	140524	1530	+9:00	31-49. 7517 N	140-19. 5803 E	2299. 44		280. 4	12. 20	281. 4	11. 90	36. 3	0. 5	1634. 70	
*	140524	1600	+9:00	31-51. 0327 N	140-12. 6814 E	1940. 06		281. 6	12. 09	280. 7	11. 90	45. 7	0. 2	1640. 74	
*	140524	1630	+9:00	31-51. 8678 N	140-08. 1621 E	1698. 76		278. 1	7. 52	283. 4	7. 70	210. 1	0. 1	1644. 75	
*	140524	1700	+9:00	31-52. 2960 N	140-03. 6848 E	0. 00		273. 0	7. 68	273. 8	7. 50	104. 5	0. 3	1648. 65	
*	140524	1730	+9:00	31-52. 2625 N	139-59. 4346 E	1088. 82		276. 1	7. 65	276. 2	7. 30	132. 9	0. 3	1652. 53	
*	140524	1800	+9:00	31-52. 6827 N	139-55. 0913 E	99. 95		272. 3	7. 98	274. 3	7. 50	59. 0	0. 3	1656. 42	

*	140524	1830	+9:00	31-54. 2333 N	139-56. 4035 E	402. 30		110. 7	5. 62	107. 2	5. 80	125. 9	0. 5	1660. 27	
*	140524	1900	+9:00	31-58. 7609 N	139-54. 6814 E	1148. 62		335. 2	12. 04	338. 8	12. 30	99. 4	0. 3	1665. 53	
*	140524	1930	+9:00	32-04. 4247 N	139-52. 0112 E	894. 66		334. 6	12. 08	337. 6	12. 00	168. 6	0. 2	1671. 52	
*	140524	2000	+9:00	32-09. 8507 N	139-49. 1444 E	1382. 16		330. 3	12. 06	329. 7	11. 50	130. 7	0. 5	1677. 52	
*	140524	2030	+9:00	32-14. 9248 N	139-45. 6275 E	1611. 40		330. 1	11. 88	330. 8	12. 00	173. 6	0. 3	1683. 49	
*	140524	2100	+9:00	32-20. 0911 N	139-42. 3185 E	1551. 64		329. 5	12. 01	332. 1	11. 50	168. 9	0. 7	1689. 49	
*	140524	2130	+9:00	32-25. 0245 N	139-39. 1163 E	1353. 55		340. 5	11. 95	338. 2	11. 20	184. 2	1. 1	1695. 47	
*	140524	2200	+9:00	32-30. 3090 N	139-36. 9145 E	1188. 81		342. 4	11. 95	341. 0	11. 20	202. 7	1. 0	1701. 45	
*	140524	2230	+9:00	32-35. 8016 N	139-34. 7169 E	687. 60		343. 6	11. 98	343. 0	11. 70	188. 3	0. 7	1707. 42	
*	140524	2300	+9:00	32-41. 4068 N	139-32. 9207 E	885. 48		342. 8	12. 27	347. 1	11. 50	119. 5	0. 7	1713. 42	
*	140524	2330	+9:00	32-46. 9636 N	139-31. 2029 E	670. 96		339. 3	11. 95	344. 1	11. 20	123. 7	0. 8	1719. 41	
*	140525	0000	+9:00	32-52. 4369 N	139-29. 3256 E	961. 44		340. 5	12. 11	343. 0	11. 50	106. 4	0. 4	1725. 40	
*	140525	0030	+9:00	32-58. 0549 N	139-27. 3278 E	1153. 70		336. 3	12. 13	342. 4	12. 10	60. 9	1. 2	1731. 41	
*	140525	0100	+9:00	33-03. 8113 N	139-24. 9228 E	1272. 87		325. 7	11. 85	334. 0	12. 20	52. 0	1. 4	1737. 43	
*	140525	0130	+9:00	33-09. 4466 N	139-22. 1033 E	1292. 37		332. 8	11. 92	342. 4	12. 30	45. 2	2. 0	1743. 45	
*	140525	0200	+9:00	33-15. 3890 N	139-20. 0075 E	954. 52		333. 2	12. 19	343. 9	12. 60	50. 8	2. 2	1749. 51	
*	140525	0230	+9:00	33-21. 5912 N	139-18. 0310 E	1521. 07		327. 2	12. 06	343. 4	13. 00	41. 7	3. 3	1755. 55	
*	140525	0300	+9:00	33-27. 6989 N	139-15. 3544 E	2025. 02		334. 8	12. 12	341. 1	12. 60	34. 2	1. 6	1761. 59	
*	140525	0330	+9:00	33-33. 6765 N	139-13. 0837 E	1975. 97		340. 4	12. 29	343. 9	12. 50	34. 7	0. 7	1767. 67	
*	140525	0430	+9:00	33-46. 3451 N	139-13. 3584 E	1721. 47		10. 5	11. 91	8. 0	13. 20	346. 0	1. 4	1779. 76	
*	140525	0500	+9:00	33-52. 9397 N	139-14. 5964 E	1338. 22		8. 8	12. 19	8. 0	13. 40	344. 3	1. 8	1785. 81	
*	140525	0530	+9:00	33-59. 6008 N	139-15. 9209 E	575. 09		12. 4	12. 17	10. 1	14. 00	357. 0	1. 8	1791. 88	
*	140525	0600	+9:00	34-06. 5525 N	139-18. 4876 E	395. 22		25. 1	10. 95	22. 4	13. 80	12. 7	2. 6	1797. 96	
*	140525	0630	+9:00	34-06. 0238 N	139-17. 6163 E	375. 05		243. 9	7. 01	263. 9	5. 80	4. 4	2. 5	1801. 62	
*	140525	0700	+9:00	34-05. 0071 N	139-19. 6973 E	335. 13		169. 7	7. 77	150. 0	4. 80	8. 1	3. 0	1805. 57	
*	140525	0730	+9:00	34-06. 8850 N	139-17. 5707 E	386. 09		326. 5	7. 57	336. 5	10. 10	1. 5	2. 5	1809. 28	
*	140525	0800	+9:00	34-13. 0473 N	139-21. 1330 E	381. 08		30. 4	11. 88	28. 4	15. 40	21. 5	2. 9	1814. 49	
*	140525	0830	+9:00	34-19. 9185 N	139-25. 1584 E	495. 20		20. 7	12. 34	22. 0	15. 00	21. 5	2. 6	1820. 56	
*	140525	0900	+9:00	34-26. 7313 N	139-28. 4047 E	176. 53		15. 1	12. 16	22. 6	14. 40	50. 2	2. 4	1826. 62	
*	140525	1000	+9:00	34-38. 4266 N	139-33. 6765 E	1155. 31		15. 1	11. 00	16. 3	10. 40	69. 6	0. 3	1838. 06	
*	140525	1030	+9:00	34-43. 9967 N	139-35. 9146 E	2054. 95		12. 4	11. 82	19. 7	12. 00	132. 3	0. 6	1844. 03	
*	140525	1100	+9:00	34-49. 5910 N	139-38. 3174 E	442. 37		16. 2	11. 91	19. 3	12. 00	126. 4	0. 1	1850. 00	
*	140525	1130	+9:00	34-55. 1805 N	139-40. 7733 E	0. 00		18. 7	11. 40	20. 8	11. 40	94. 7	0. 3	1855. 82	
*	140525	1200	+9:00	35-00. 6743 N	139-42. 9718 E	0. 00		15. 6	11. 94	16. 0	12. 20	283. 1	0. 6	1861. 59	
*	140525	1230	+9:00	35-05. 8731 N	139-45. 5546 E	0. 00		15. 0	11. 00	15. 9	11. 10	244. 4	0. 3	1867. 24	
*	140525	1300	+9:00	35-11. 8145 N	139-46. 6432 E	0. 00		9. 2	12. 31	7. 7	12. 90	347. 9	0. 2	1873. 15	
*	140525	1330	+9:00	35-17. 7596 N	139-44. 6660 E	0. 00		325. 3	12. 22	323. 8	13. 20	289. 8	0. 7	1879. 17	
*	140525	1400	+9:00	35-19. 7939 N	139-40. 5831 E	0. 00		230. 8	-1. 38	34. 1	1. 70	7. 1	0. 1	1882. 87	

*	140525	1430	+9:00	35-19.8543 N	139-40.6121 E	0.00		182.7	0.46	14.6	0.00	11.9	0.1	1883.10
*	140525	1500	+9:00	35-19.8529 N	139-40.6158 E	0.00		195.1	0.37	248.7	0.00	50.2	0.1	1883.30
*	140525	1530	+9:00	35-19.8506 N	139-40.6139 E	0.00		183.9	0.32	271.8	0.00	84.0	0.0	1883.47
*	140525	1600	+9:00	35-19.8505 N	139-40.6239 E	0.00		200.2	0.21	22.4	0.10	163.1	0.1	1883.65
*	140525	1630	+9:00	35-19.8468 N	139-40.6213 E	0.00		195.7	0.35	235.1	0.00	191.0	0.2	1883.81
*	140525	1700	+9:00	35-19.8522 N	139-40.6132 E	0.00		192.8	0.29	270.1	0.10	169.7	0.2	1883.97
*	140525	1730	+9:00	35-19.8520 N	139-40.6192 E	0.00		200.7	0.41	251.9	0.10	151.8	0.3	1884.13
*	140525	1800	+9:00	35-19.8527 N	139-40.6139 E	0.00		180.1	0.18	307.7	0.00	143.8	0.3	1884.26
*	140525	1830	+9:00	35-19.8553 N	139-40.6029 E	0.00		161.4	0.18	352.2	0.10	129.4	0.2	1884.37
*	140525	1900	+9:00	35-19.8534 N	139-40.6058 E	0.00		166.9	0.29	139.2	0.10	123.0	0.2	1884.47
*	140525	1930	+9:00	35-19.8544 N	139-40.6170 E	0.00		181.3	0.16	341.6	0.10	125.2	0.2	1884.58
*	140525	2000	+9:00	35-19.8537 N	139-40.6131 E	0.00		187.8	0.21	50.9	0.10	302.8	0.0	1884.70
*	140525	2030	+9:00	35-19.8489 N	139-40.6237 E	0.00		196.7	0.22	286.9	0.10	7.7	0.1	1884.83
*	140525	2100	+9:00	35-19.8559 N	139-40.6049 E	0.00		183.1	0.17	109.1	0.00	339.6	0.2	1884.92
*	140525	2130	+9:00	35-19.8549 N	139-40.6078 E	0.00		165.6	0.24	70.6	0.20	339.3	0.2	1885.04
*	140525	2200	+9:00	35-19.8536 N	139-40.6085 E	0.00		178.9	0.31	320.2	0.00	347.9	0.1	1885.18
*	140525	2230	+9:00	35-19.8554 N	139-40.6029 E	0.00		171.2	0.48	215.7	0.10	321.4	0.2	1885.34
*	140525	2300	+9:00	35-19.8566 N	139-40.6103 E	0.00		178.1	0.51	305.4	0.00	344.7	0.2	1885.59
*	140525	2330	+9:00	35-19.8566 N	139-40.6035 E	0.00		175.7	0.56	8.5	0.00	329.1	0.2	1885.86
*	140526	0000	+9:00	35-19.8592 N	139-40.5985 E	0.00		171.1	0.51	283.9	0.00	331.8	0.3	1886.14
*	140526	0030	+9:00	35-19.8577 N	139-40.6071 E	0.00		174.2	0.45	234.9	0.00	331.6	0.2	1886.37
*	140526	0100	+9:00	35-19.8564 N	139-40.6079 E	0.00		179.1	0.42	90.2	0.00	335.5	0.3	1886.60
*	140526	0130	+9:00	35-19.8539 N	139-40.6151 E	0.00		180.3	0.36	100.1	0.00	340.6	0.3	1886.80
*	140526	0200	+9:00	35-19.8567 N	139-40.6081 E	0.00		191.4	0.36	168.8	0.10	336.6	0.2	1886.97
*	140526	0230	+9:00	35-19.8531 N	139-40.6107 E	0.00		186.6	0.20	79.2	0.00	359.2	0.1	1887.11
*	140526	0300	+9:00	35-19.8496 N	139-40.6232 E	0.00		205.1	0.24	82.1	0.00	26.6	0.1	1887.25
*	140526	0330	+9:00	35-19.8439 N	139-40.6191 E	0.00		227.5	0.11	243.6	0.00	93.8	0.1	1887.34
*	140526	0400	+9:00	35-19.8505 N	139-40.6234 E	0.00		204.4	0.06	142.1	0.30	143.7	0.0	1887.41
*	140526	0430	+9:00	35-19.8480 N	139-40.6230 E	0.00		236.0	0.09	49.4	0.00	152.8	0.3	1887.50
*	140526	0500	+9:00	35-19.8540 N	139-40.6050 E	0.00		216.5	0.06	347.1	0.00	169.3	0.2	1887.58
*	140526	0530	+9:00	35-19.8499 N	139-40.6202 E	0.00		225.7	0.15	271.1	0.10	162.7	0.3	1887.69
*	140526	0600	+9:00	35-19.8513 N	139-40.6130 E	0.00		235.4	-0.01	296.4	0.10	162.7	0.2	1887.72
*	140526	0630	+9:00	35-19.8336 N	139-40.6389 E	0.00		256.8	0.03	32.6	0.20	147.2	0.3	1887.75
*	140526	0700	+9:00	35-19.8534 N	139-40.6140 E	0.00		179.6	-0.09	100.8	0.40	157.3	0.3	1887.81
*	140526	0730	+9:00	35-19.8493 N	139-40.6194 E	0.00		174.9	0.17	130.6	0.40	139.1	0.3	1887.86
*	140526	0800	+9:00	35-19.7896 N	139-40.5912 E	0.00		215.9	0.34	247.4	0.40	155.4	0.4	1887.96
*	140526	0830	+9:00	35-18.9289 N	139-40.1118 E	0.00		226.1	1.37	245.6	1.20	71.0	0.1	1889.34
*	140526	0900	+9:00	35-19.1487 N	139-39.0568 E	0.00		236.6	-0.06	339.0	0.50	0.0	0.0	1890.27

