

SHIP		PARIZEAU		CRUISE				8802				TIME ZONE		GMT		PAGE		1 OF 12	
GMT	DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	GMT	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY	LOOP TEMPERATURE & SALINITY	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES		
88/6/28	0100	depart		IOS.															
88/6/28	MJF1		48 16.00	0506								1					Underway		
			123 30.00														loop samples		
88/6/28	MJF2		48 18.00	0702								2					"		
			124 0.00																
"	MJF3		48 27.0	0900								3					"		
			124 30.0																
"	MJF4		48 32.3	1100								4					"		
			125 00.0																
"	MP01		48 34.7	12:43	1	95m	12:46				14.50	5				12:56	loop + CTD		
			125 29.4								30.411								
88/6/28	MP02	109	48 36.0	1508	2	112	1513				13.127	6				1519			
			126 0.0								31.620								
88/6/28	MP03	798	48 37.5	1639	3	811	1644				14.079	7				1707			
			126 20.0								31.262								
88/6/28	MA05		48 20.20	2040	4	1074	2042				14.279	8				2117			
			127 06.00								32.058								
88/6/28	MA04		48 30.2	2240	5	1502	2242				14.405	9							
			126 52.0								31.427								
88/6/29	MA3B	1490	48 35.5	0020	6	1453	0111				14.644	10				01:55			
			126 45.1								31.131								
88/6/29	MA03	1280	48 40.1	0244	7	1282	0246				14.611	11				0323			
			126 39.1								31.218								

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DATE GMT	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
88/6/29	MA2B	470	48 45.2 126 32.0	0409	8 474	0411				13.946 31.509	12		0425		
88/6/29	MA02	174	48 50.20 126 25.30	0512	9 176	0515				13.743 31.629	13		0521		
88/6/29	MA1B	132	48 55.2 126 18.0	0613	10 131	0616				13.266 31.394	14		0621		
88/6/29	MA01	85	49 0.0 126 11.7	0705	11 86	0709				12.889 31.980	15		0712		
88/6/29	MA03	55	49 03.8 126 05.9	0747	12 56	0750				13.352 31.039	16		0753		
88/6/29	MP04	1315	48 38.5 126 41.2	1240	13 1310	1244	1 1300	1613	1 20	1001 1026	14.189 31.248	17		1324	
88/6/29	MP05	2050	48 41.6 127 10.0	2240	14 1500	2247				13.407 32.138	18		2331		
88/6/30	MP06	2507	48 44.5 127 39.8	0145	15 1500	0150	2 2000	0322	21 41	1001 1029	14.180 31.642	19		0405	
88/6/30	MP07	—	48 46.6 128 10.0	0615	16 1503	0618				14.316 31.542	20				BOTTLE SW ABOVE PROBE
88/6/30	MP07	—	48 46.6 128 10.0	—	916	1482	0650	0651	66				0714		
88/6/30	MP08	—	48 49.0 128 40.0	0920	17 1499	0926				12.863 32.484	21		1013		
"	MP09	—	48 51.3 129 09.7	1220	18 1501	1224				12.681 32.482	22		1309		

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88/6/30	MP10	—	48 53.6 129 40.0	1523	19	1504 1526					12.429 32.474	23			1609		
88/6/30	MP11	—	48 56.0 130 10.0	1822	20	1501 1824					12.108 32.529	24			1900		
30/6/88	MP12	—	48 58.2 130 40.0	2133	21	1501 2136					12.168 32.431	25			2220		
01/7/88	MP13	—	49 02.6 131 40.0	0215	22	1500 0255					11.839 32.499	26			0339		
88/7/1	MP14	—	49 07.4 132 40.0	0738	23	1500 0741					11.177 32.438	27					
01/7/88	MP15	—	49 11.86 133 39.81	1232	24	1500 1235					11.030 32.428	28			1320		
88/7/1	MP16	3568	49 17.0 134 40.0	1747	25	1501 1750	354 1931 42 1001 3500 2036 65 1031				10.397 32.488	29					
88/7/1	MP16	—	49 17.0 134 40.0	—	925	1489 1820		1821 67									CAL BOTTLE 5m. above probe
88/7/2	MP17	—	49 21.0 135 40.0	0316	26	1502 0319					10.085 32.539	30			0401		
88/7/2	MP18	—	49 26.0 136 40.0	0810	27	1501 0814	5 0945 68 1001 88 1028				10.215 32.475	31			1035		
88/7/2	MP19	✓	49 29.9 137 39.7	1434	28	1500 1437					10.265 32.509	32			1524		
88/7/2	MP20	—	49 34.0 138 40.0	1930	29	1500.0 1934					9.499 32.603	33			2016		

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3/7/88	MP21	—	49 38.0 139 40.0	0022 030	1500	0024				9.222 32.622	34			0106		
88/7/3	MP22	—	49 42.0 140 40.0	0519 31	1501	0523				9.229 32.581	35					
88/7/3	MP22	—	49 42.0 140 40.0	931	1474	0553	0554	89						0617		CAL BOTTLE 5 m above probe.
88/7/3	MP23	—	49 46.0 141 40.0	1018 32	1500	1021				8.716 32.608	36			1103		
88/7/3	MP24	—	49 50.2 142 40.0	1508 33	1502	1510				8.141 32.666	37			1553		
88/7/3	MP25	—	50 00.0 143 36.3	1945 34	1500	1947				8.078 32.681	38			2028		
88/7/3	MP35	—	50 0.0 144 18.0	2324 35	1500	2328				7.966 32.695	39			0011		FILE FILE BACKUP TAPE #2.
88/7/4	MP26	—	50 00.0 145 0.0	0358 36	1503	0402				7.752 32.760	40					0-18 SAMPLE
88/7/4	MP26	—	50 00.0 145 0.0	936	1499	0433	0434	90						0457		CAL BOTTLE 5 m above probe.
88/7/4	MP26	—	50 00.0 145 0.0	37	1500	1908				7.752 32.757	/			1950		
88/7/5	MP26	—	50 00.0 145 0.0	0444 38	1500	0445				8.178 32.761	/			2230		0-18 SAMPLE #2
5/7/88	MP26	—	50 00.0 145 0.0	1935 39	1500	1936				8.119 32.755	/			2020		

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GMT	DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE TEMPERATURE	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
88/7/5	MP26					<u>12</u> 1500	1537	<u>91</u> 110	<u>1001</u> 1027								0-1500 HYDRO
88/7/5	MP26					<u>13</u> 4200	1710	<u>111</u> 117	<u>1028</u> 1042								2000-4200 HYDRO
88/7/5	MP26					<u>14</u> 300	2149	<u>118</u> 135	<u>1044</u> 1061								0-300 DETAIL HYDRO
88/7/5	MP26					<u>15</u> 1500	2315	therms									200-1500 POC
88/7/6	MP26					<u>16</u> 800	0136	therms									0-800 TRITIUM
88/7/6	MP26					<u>17</u> 1500	0351	<u>136</u> 155	<u>1062</u> 1082								0-1500 HYDRO
88/7/6	MP26					<u>18</u> 4200	0528	<u>156</u> 162	<u>1083</u> 1090	<u>697</u> 702							2000-4200 HYDRO

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GMT			GMT		GMT										
88/7/6	MP26	—	5000.0 145 0.0	0652 40	1500	0657					8.266 32.731			0741	
88/7/6	MP26	—	5000.0 145 0.0	1755 41	1502	1759					8.007 32.731			1843	
88/7/7	MP26	—	5000.0 145 0.0	0615 42	1501	0622					8.329 32.730	41		0704	NOTE: FULL LOST SAMPLES
88/7/7	MP41	—	50 27.0 145 0.0	1920 43	1501	1925					8.270 32.724	42		2008	
88/7/7	MP32	—	50 54.0 145 0.0	2248 44	1500	2252					8.601 32.727	43		2333	
88/7/8	MP49	—	50 53.9 N 144 18.3 W	0218 45	1501	0219					8.647 32.711	44		0305	
88/7/8	MP33	—	50 54.0 143 34.5	0542 46	1501	0546					8.791 32.682	45			
88/7/8	MP33	—	50 54.0 143 34.5		946 1500	0618	0619	163						0642	CAL. BOTTLE 5m above probe.
88/7/8	MR20	—	50 55.70 143 01.0	0850 47	1502	0853					8.888 32.675	46			
88/7/8	MR19	—	50 58.0 142 20.0	1154 48	1500	1156					8.843 32.680	47		1243	
88/7/8	MR18	—	51 00.0 141 39.0	1528 49	1500	1531					8.889 32.675	48		1613	
88/7/8	MR17	—	51 02.0 140 56.0	1900 50	1500	1905					9.172 32.613	49		1946	

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GMT			GMT													
88/7/9	MR16	—	51 4.0	2050	51	1501	2051				9.354	50			2134	
			140 14.0								32.617					
88/7/10	MR15	—	51 06.0	0218	52	1502	0222				9.479	51			0308	
			139 30.5								32.593					
88/7/10	MR14	—	51 09.0	0555	53	1501	0601				9.517	52				CAL BOTTLE 5m above probe
			138 47.5								32.605					
88/7/10	MR14	—	51.90	953	1500	0632	0633	164								
			138 47.5													
88/7/10	MR13	3592	51 11.0	0943	54	1500	0945	2324	1121	165	1001	10.024	53		1335	
			138 6.0					3500	1235	188	1032	32.506				
88/7/10	MR12	—	51 13.0	1617	55	1504	1620				10.065	54		1702		
			137 23.0								32.506					
88/7/10	MR11	—	51 15.0	1957	56	1500	2006				10.535	55		2041		
			136 40.3								32.542					
88/7/10	MR10	—	51° 17.05'	2336	57	1501	2338				10.611	56		0020		
			135° 57.70'								32.514					
88/7/11	MR9	—	51 19.0	0312	58	1500	0316	25	0518	189	1001	11.396	57		0552	
			135 15.0					1500		208	1028	32.341				
88/7/11	MR8	—	51 21.2	0842	59	1500.0	0845				11.320	58		0926		
			134 32.7								32.377					
88/7/11	MR7	✓	51 23.5 N	1215	60	1500.7	1218				12.136	59		1302		* 0m conductivity is too high. 5m Sal. used.
			133 49.6 W								32.283					
88/7/11	MR06	—	51 25.5	2027	61	1500	2031				12.385	60		2114		
			133 06.6								32.276					

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88/7/12	MJ05	—	51° 27.5 N 132° 24.0 W	0006	62	1500	0008					12.693 32.301	61		0052
88/7/12	MJ04	—	51° 35.4 132 06.3	0212	63	1500	0215					11.979 32.305	62		0300
88/7/12	MJ03	2270	51° 43.5 131 50.0	0422	64	1502	0424	26 2000	0602	209 229	1001 1029	12.370 32.266	63		0646
88/7/12	MJ2A	—	51 47.5 131 40.7	0730	65	1500	0736					12.115 32.260	64		0818
12/7/88	MJ2	—	51 51.6 131 32.0	0910	66	1500	0915					12.476 32.271	65		1026
88/7/12	MJ1A	1850	51° 55.7' N 131° 22.7' W	1109	67	1502	1113					12.464 32.281	66		1200
88/7/12	MJ1	5201	52 00.0 131 14.0	1246	68	501.7	1248					11.671 32.252	67		1303
88/7/12	MJ0	80	52 02.0 N 131 50.0 W	1325	69	75.8	1330					11.614 32.238	68		1325
88/7/12	M88	1990	51 41.7 131 13.7	2056	70	1500	2059					12.581 32.265	69		2149
88/7/12	MJ03	—	51 23.5 131° 13.7'	2340	71	770	2341					12.909 32.247	70		INCOMPLETE CAST
88/7/13	MJ03	—	" "	"	71	756- 1500	00:08								BOTTOM HALF OF #71.
88/2/13	MJ03	—	51 23.5 131 13.7	"	72	1501	00 44					12.915 32.265			2ND CAST THIS STATION. PMK-2/85

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GMT															
88/7/13	M89	—	51 3.2 131 11.2	0334	73	1500	0339				13.052 32.167	71			CAL. BOTTLE 5m above probe.
88/7/13	M89	—	51 3.2 131 11.2	✓	973	1501	0410	0411	230		✓	✓	0435		
88/7/13	MHD5	—	50 43.0 131 8.3	0646	74	1500	0649				13.344 32.215	72	0733		
88/7/13	MG05	—	50 25.0 130 36.5	1020	75	1500	1022				13.242 32.196	73	1104		
88/7/13	MF05	1840	50 06.0 130 06.7	1354	76	1500	1402				13.358 32.270	74	1445		
88/7/13	ME05	—	49 47.80 129 36.0	1721	77	1504	1724				13.580 32.057	75	1807		
88/7/13	MD06	—	49 16.0 129 10.9	2140	78	1501	2142				13.337 32.440	76	2223		
88/7/14	MP08	—	48 49.0 128 40.0	0122	79	1501	0125				13.948 32.287	77	0208		
88/7/14	MB07	—	48 21.6 128 9.5	0526	80	1503	0530				14.455 32.335	78			CAL BOTTLE 5m above probe.
88/7/14	MB07	—	48 21.6 128 9.5	✓	980	1500	0601	0602	231		✓	✓	0625		
88/7/14	MB06	—	48 31.6 127 56.2	0718	81	1500	0751				14.505 32.472	79	0832		
88/7/14	MB05	—	48 41.8 127 42.5	0949	82	1500	0953				14.286 32.400	80	1034		

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88/7/14	MB04	—	48° 51.7' N 127° 28.8' W	1150	83	1501	1153					13.638 32.144	81		1238	
88/7/14	MB3A	—	48 56.8 127 22.0	1318	84	1502	1321					13.322 31.928	82		1405	
88/7/14	MB03	1599	49 2.0 127 15.2	1449	85	1500	1552	27 1500	1733	232 251	1001 1028	12.715 31.849	83		1806	
88/7/14	MB2A	1134	49 6.9 127 8.5	1853	86	1135	1856					12.707 31.922	84		1929	
88/7/14	MB02	285	49 12.0 127 01.7	2015	87	280	2019					12.521 31.773	85		2026	
88/7/14	MB1A	142	49 16.8 126 54.6	2105	88	137	2108					13.774 31.580	86		2112	
88/7/14	MB01	105	49 21.9 126 47.7	2150	89	100	2154					12.995 31.676	87		2156	
88/7/14	MB00	33	49 30.0 126 36.0	2305	90	35	2307					12.467 31.528	88		2313	

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