

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

SHIP *Parizeau*

CRUISE 89-11

TIME ZONE +7 (UTC)

PAGE 1 OF 5

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 INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
JUNE 2	LEφ1	45	49 07 16 126 01 21	1930	1 45 1935	1 40	1947 1	548 575	1240 31.26						Hydro to 45m
JUNE 2	LEφ2	55	49 04 35 126 04 58	2018	2 55 2016	2 50		578 605	1253 31.29						Hydro to 50m
" 2	LEφ3	78	49 00 62 126 10 56	2114	3 80 2111	3 75m	2122	612 638	1278 31.333						WIND 7.2 kts from 309°
" 2	LEφ4	118	48 56 56 126 15 03	2212	4 121 2215	4 100m	2230	641 656	1306 31.41						
" 2	LEφ5	154	48 52 72 126 20 39	2310	5 157 2310	X		—	12.86 31.45						Surface depth sample for Jue
JUNE 3	LEφ6	210	48 48 54 126 26 19	0000	6 212 0001	6 200	0047 2/6	652 702	1241 31.53						Surface Air values.
3	LEφ7	525	48 44 13 126 32 00	0155	7 524 0204	X			12.30 31.56				0223		QIC vol. 76
3	LEφ8	2050	48 40 32 126 37 93	0259	8 1200 0301	8 1200	0400 7/9	705 734	1228 31.58						
START G-LINE															
JUNE 3	LGφ1	35	49 20 54 126 35 16		9 55 1702	9 30	1715	735 747	10.13 31.73						
"	LGφ2	100	49 18 72 126 38 16	1836	10 103 1834	10 100		1001 1010	10.75 31.59						MOORING EPIC Replaced. Started Logging on deck 3L
	LGφ3	120	49 14 90 126 43 77	2110	11 128 2111	X			11.93 31.58				1kxx		No Hydro

June LE#1. Sunny/warm light winds (5 knots). Batteries / cleaned
LE#2 " " water looks fairly clear: / Trans wash ✓

SURFACE DEPTH CALIBRATION: Left CTD on deck for a few minutes before putting over side while DAS running.

13:47 ^{PDT} Header changed to 8911 from 8950 in files 1 and 2
Edit done in D drive directory but not on back up tape @ 60
Cruise. ARP file also changed to new I.D.

1440 Launch 1st drifter / logue

1915 SWN LE#7: Wind Speed 30 kts, 2790 Sea running / lumpy

2022pst SWN LE#8: Wind 39 kts @ 00°
[25-40] (0-30) very lumpy

LG03 Wind DIR 51°

SHIP			CRUISE 89-11										TIME ZONE UTC (+7)		PAGE 2 OF					
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JUNE 3	1604143	49 11.22 126 49.37	2200	12	144	2202	12 125	2213		1011 1022		11.93 31.46		kkxx				Near boundary from NW to SE Flow		
"	1605270	49 07.32 126 55.35	2300	13	274	2300	13 250	2318		1023 1035		11.58 31.71		kkxx				Hydro to 250		
JUNE 4	1606945	49 03.45 127 01.24	0000	14	947	0005	14 860	0050		1069 1087		11.32 31.83		kkxx						
"	16071027	48 59.40 127 07.19		15	1019	0141	/					11.49 31.87		kkxx	0210					
4	16082070	48 55.26 127 13.36	0243	16	1502	0245	/					11.52 32.02		kkxx	0324					
JUNE 4	150155	49 44.32 127 02.29	2250	17	60	2254	/					9.86 31.90								
"	150285	49 42.58 127 05.42	2317	18	85	2319	/					11.65 31.75				2321				
"	4 1503125	49 39.13 127 11.01	2352	19	121	2358	/					11.32 31.796						Launch surface drifter		
JUNE 5	1504156	49 35.52 127 16.74	0045	20	158	0047						11.23 31.82				0058				
"	15051070	49 31.64 127 22.40	0249	21	1001	0302						10.56 31.95				0327				
"	15061040	49 27.94 127 28.57	0405	22		0407												aborted, deck unit locked up.		
				Station cancelled, weather deteriorating																large surface offset

PMK-2/85

165 7.899 32.664
7.898 32.651

165 7.898 32.668
671

166 7.898 32.671 ← hnd
670

6414	13898	6566	little
22.7 8.18	22.5 8.21	22.4 9.77	7.92
22.7 8.18	22.7 8.21	22.4 9.80	

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SHIP <u>PARIZEAU</u>			CRUISE <u>89-11</u>							TIME ZONE <u>+7</u>			PAGE <u>3</u> OF									
1989	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 INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES	
JUNE 5	ADCP TS	225	49 35.26 127 17.26	0625 GMT	/	/	/	/	/	/	/	/	/	/							START TIME SERIES	
5				1800	Furuno Navigation unit self checked heading now reading corrected																	
5	NS01	90	49 35.02 126 35.91		23 90	2136	23 85			1001 1010	12.49 31.52											
5	NS02	150	49 36.84 126 35.41	2208	24 152	2212	24 140			1011 1023	— —										Hydro Cti SIC vol. 92	
5	NS03	165	49 38.81 126 36.07	2250	25 165	2251	25 150	2310	10	1025 1033	— —						2316				CTD Calibration sample	
5	NS04	240	49 41.93 126 30.51	2350	26 238	2356	26 200	0013		1039 1049	13.16 27.96											
JUNE 6	LG01	65	49 20.48 126 35.14	1538	27 56	1538	27 50	1550		1039 1043	9.46 32.08											
6	LG02	96	49 18.81 126 38.24	1611	28 97	1616	28 90	1626		1044 1050	9.53 32.01											
"	LG03	120	49 15.09 126 43.71	1726	29 124	1730	29 120	1742		1051 1058	10.61 31.71											
				GO SEARCH FOR LORAN-C Drifters																		
6	LG04	142	49 11.17 126 49.60	1819	30 147	1821	30 140	1835		1060 1068	10.26 31.939											
6	LG05	245	49 07.51 126 54.76	1930	31 245	1935	31 225	1956		1001 1018	10.23 32.04										0.12 offset	

PMK-2/83

SHIP			CRUISE 89-11										TIME ZONE +7		PAGE 4 OF		
DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD-CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES		
89																	
JUNE 6	LG06	995	49 03.53 127 01.49	2120 GMT	32	996	2122	32 1000	2208		1019 1069	9.85 31.99			Power FAILURE. Had to Re Boot		
Drive slow to recover Buoy S.																	
JUNE 7	LG07	1830	48 59.36 127 07.07	0350	33	1000	0356	33 1000	0440		1039 1056	10.39 31.96					
"	LL01	69	50 02.03 127 39.56	1632	34	72	1632					9.20 32.24		1635			
	LL02	132	49 59.46 127 44.14	1658	35	134	1700					8.99 32.30		1706			
JUNE 7H	LL03	590	49 55.98 127 50.06	2008	36	585	2010					9.68 32.27		2021	Tucker Trawl This Station		
7H	LL04	830	49 51.93 127 56.36	2130	37	872	2135					9.03 32.38			Sampling on deck for pressure reading		
7	LL05	1765	49 48.29 128 02.78	2310	38	1106	2314					10.10 32.23					
" 8	LBP1	32	50 04.78 127 53.30	0145	39	56	0154					8.85 32.46		0158			
8	LBP2	103	50 03.82 127 54.38	0203	40	105	0208					8.39 32.59		0214			
8	LBP3	168	50 03.22 127 55.30		41	172	0224					8.33 32.62			Tucker Trawl		
8	LBP4	1020	50 01.38 127 58.21	0327	42	1106	0330					8.12 32.67		0359			

PMK-2/85

10 3.523 34.343

9 3.522 34.345

58 3.522 34.342

14 13898 6566

.83 20.5 3.83 20.8 13.18

.83 20.6 3.83 20.8 13.17

bottle

3.53

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June 8	LBP5	1230	4959.99 128 00.12	0409	43 1203	0411	/	11			8.49 32.55			0449	Calibration bottle at 1000 m
8	LM03	1180	5005.35 128 10.36	0541	44 503	0545	/				9.35 32.27			0557	Newton ton
8	LM02	155	50 09 11 128 04 04	0726	45 155	0727	/				9.13 32.37				AIR Pressure
June 8	LM1A	85	50 10 95 128 00 66	0821	46 77	0822	/				9.52 32.47				AIR Pressure
-															
June 9	LAP1	258	4828.80 124 43.34	0110	47 259	0113	47 250	0132			1039 1050				Deep water Renewal star
9	D14A	188	4821.88 124 15.04	0350	48 192	0351	48	0407			1051 1061				
9	D13A	180	48 15.91 124 00.32		49 184	0528	49 175	0545			548 605				Note position change DIC 117
9	D11A	175	48 13 85 123 30 28	0812	50	0815	50 150				612 651				
					volume backup										