

CRN

89-13

DAILY LOG

INSTITUTE OF OCEAN SCIENCES
OCEAN PHYSICS

DATE

22 Oct - 27 Oct 1989

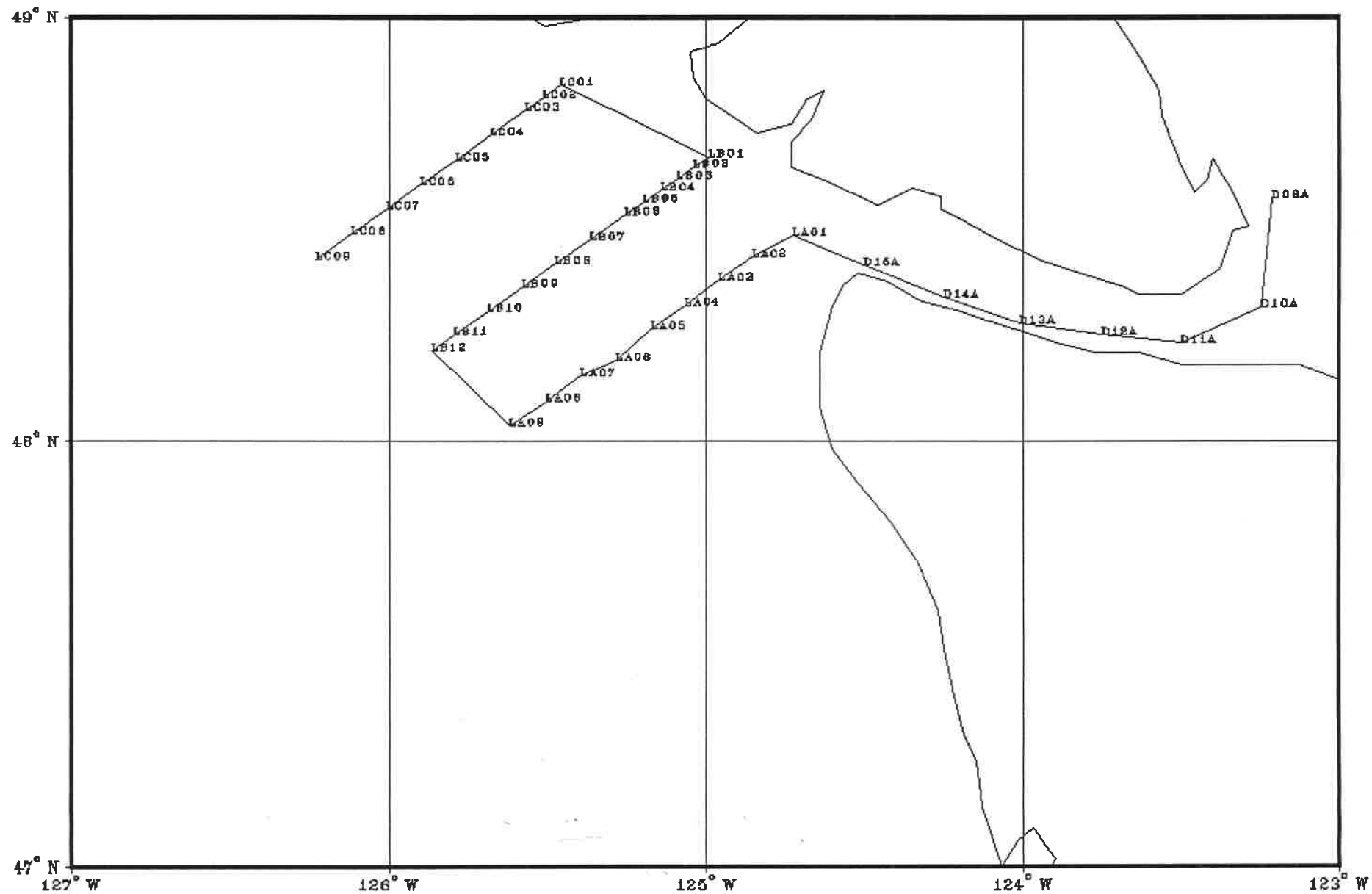
VESSEL

Parizeau

PROJECT

LAPEROUSE 10 (J)

Cruise 89-13



22 Oct.

1230 Tom, Doug and Harry Proux arrive
at ship. Frank, Ron, Teton and Andy
depart with Tom.

Ship alongside until Monday morning

Personnel:

Reg Bigham, chief scientist
John Lone
Bernard Minkley
Les Spearing
Doug Yelland
Harry Proux

Changed Terman 01C-69 Tape unit. Tape that would not work on other unit works fine on new unit

defective unit m/n 06011
S/n C8804130035-A22

23 October PDT

0800 depart Port Alberni

0819 - ADCP started with RICK.CNF config. file
from 8912 and (Cruise ID and GC PEW on,
PWS on, AGC 1-4 off).

0840 - ADCP on D:PINGDATA.000 ends 6, 6.87 Mb $\approx$ 335 h left.
- SAM on B: 8913001.D1, 3680 rec. written.
- ABT computer on RDI has noisy disk drive(s).

1515 - anchored MAYNE BAY, Barclay Isl.
- RDI data collection interrupted; aborted data collection.

24/10/89 PDT

0610 - lv. anchorage

0611 - RDI: start pinging. - looks OK.

B. TWO GAUGED BUOYS?

0948 First buoy and anchor brought onboard ship
light not working batteries 3.8 volt on load
Lamp OK
Radar reflector damaged.
Shackles and chain worn.

1041 Next buoy out of water.

11:19 anchor aboard No light only light base
Radar reflector damaged and almost off bracket

1405 Arrive at C1 3 Gauged buoys

Light still operational. Radar munched.
1426 Buoy out of water Bat 4.7 volts

1458 Buoy "B" Light OK Radar damaged

1512 Buoy and chain on board
Battery 5.15 volts

1629 Buoy and chain on board
light working battery 5.30
radar reflector slightly damaged.

1834 rope and hook caught on starboard prop.

2121 engine near Bamfield, anchor dropped,
divers alongside

2204 divers depart. No line found on props. Some XBT
wire removed.

89/10/25 PDT

0757: RDI on D:PINGDATA.002 era 515, 6-20 Mb left
SAIL on B:89113003-D1, 3158 rec. written.

10:30 ARRIVE AT NEW (A1) mooring site
GAUDD BUOYS ARE MISSING AT OLD SITE SEARCH
GRID REVEALS NO TRACE OF BUOYS ASSUMED TO BE SUNK OR
ADRIFT.

YEAR	89	MONTH	10	TIME	ZONE	UTC	SHIP	Parizeau	CRUISE	89-13	PAGE	1	OF	
DAY	STATION NUMBER	DEPTH SOUNDING (M)	SHIP STOP/START TIME	LATITUDE/LONGITUDE	STD CONSEC. #/DEPTH	STD TIME	HYDRO CONSEC. #/DEPTH	MESSSENGER TIME	SALINITY #/CALIBRATION	LOOP OR DEPTH	OXYGEN #	SURFACE TEMPERATURE/	SALINITY	NOTES
25	LC09	640	2130	48 26.03	1	2135		1	12.621					
			2153	126 13.77	641				32.169					
25	LC08	200	2233	48 29.45	2	2235		2	12.477					
			2241	126 07.07	202				32.199					
25	LC07	125	2320	48 32.92	3	2325		3	11.975					Loop Sample
			2332	126 00.38	127				32.259					Wind 21 knts 172 Deg
26	LC06	90	0013	48 36.49	4	0017		4	11.809					Loop Sample Salinity
			0023	125 54.14	92				32.299					
26	LC05	62	0104	48 39.87	5	0105		5	11.239	11.14				Loop Sample
			61.5	125 47.43	109				32.364	32.271				
26	LC04	165	0152	48 43.59	6	0154		6	11.748					Loop Sample
			0203	125 40.77	162				32.234					Wind x 20-30 knts 175°
26	LC03	125	0301	48 47.07	7	0308		7	12.125					Loop Sample
			0314	125 34.31	111				32.246					Wind 30-40 @ 170°
26	LC02	107	0338	48 48.65	8	0340		8	12.213					Loop Sample
			0346	125 30.92	110				32.233					Wind 20 at 180
26	LC01	95	0407	48 50.37	9	0409		9	11.875					
			0415	125 27.82	96				32.141					
26	LR01	33	0733	48 40.25	10	0735		10	11.824					
			0740	124 59.79	37				31.144					
26	LR02	53	0800	48 39.03	11	0801		11	11.846					
			0805	125 02.44	58				31.393					

89/10/25 P.d.t Continued

1300.- Start deploying AI-J, wind 160° abt 20 Knts.

1322- Mooring free fallen

- position $48^{\circ}31.82'N$ $126^{\circ}11.71'W$.

TD'S 4151.91

29062.1

Corrected depth 498/499 m.

1330 - Proceed to CTD Stn LC9.

1449 Stn LC09 CTD#1, loop salinity sample.

2053 Stn LC03 CTD#7, #7 loop salinity.

2024: RDI on PINGDATA.002 and 764, 5.94 Mb left
SAIL on B:8913004.D1, 77 records written.

Stn LB01 to LB07, light winds, calm
seas, moderate swell. Nice night.

89/10/26 PDT

0838- RDI on D:PINGDATA.003 and 1009, 5.69 Mb left
- SAIL on B:8913004.D1, 3213 rec. written.

1008- Arr. Stn LA 8.

1010 - Loran C not working (think Master
Stn is down). Waiting for it to
come back on.

1040 - Ship steaming to SATNAU/DR indicated
station position.

1150 ADCP working but position data will be erroneous
until Loran comes back on line.

YEAR	89	MONTH	10	TIME	ZONE	UTC	SHIP				CRUISE	89-13	PAGE	2	OF	
DAY	STATION NUMBER	DEPTH SOUNDING (M)	SHIP STOP/START TIME	LATITUDE / LONGITUDE	STD CONSEC. # / DEPTH	STD TIME	HYDRO CONSEC. # / DEPTH	MESSANGER TIME	SALINITY # / CALIBRATION LOOP OR DEPTH	OXYGEN #	SURFACE TEMPERATURE / SALINITY					NOTES
26	LB03	90	0825	48 37.36	12	0828			12		12.236					
			0833	125 05.66	92						32.228					
26	LB04	107	0854	48 35.78	13	0856			13		12.358					
			0901	125 08.74	107						32.238					
26	LB05	100	0922	48 34.07	14	0923			14		12.582					
			0927	125 12.07	101						32.238					
26	LB06	110	0951	48 32.18	15	0953			15		11.759					
			0958	125 15.24	110						32.251					
26	LB07	154	1042	48 28.67	16	1044			16		11.423					loop sample for salinity
			1051	125 21.99	152						32.243					
26	LB08	135	1130	48 25.38	17	11:35			17		11.052					loop sample
			1140	125 28.58	128						32.288					
26	LB09	148	1220	48 22.07	18	12:21			18		11.559					loop
			1226	125 34.93	150						32.264					
26	LB10	151	1307	48 18.57	19	1308			19		11.371					loop
			13:13	125 41.33	144						32.26					
26	LB11	205	13:52	48 15.25	20	13:53			20		12.223					Loop Wmd 10 Knt 276
			1405	125 47.66	211						32.207					
26	LB12	520	1424	48 12.94	21	14:27			21		12.336					loop
			1441	125 51.90	520						32.215					
26	LA09	370	1625	48 02.39	22	1628			22		13.382					Loop
			1638	125 37.32	382						32.209					
26	LA08	143	1753	48 05.67	23	1755			23		13.113					Loop -pos'n by satNav/DR
			1802	125 30.40	147						32.194					

26 October

1206 Loran C back on line.

16:32 End of LA line S buoy
Stn LA Ø 1 261 M Loop #30

2256 PDT

RDI on D: PINGDATA.004 end 1295, 5.39 Mb left
SAIL on B: 8913005-D1, 620 rec. written.

27 October

0337 Last station completed
Volume backup of CTD's done onto file box
file tape. (Volume 38) 2,746,023 bytes, 37 files
Ø series.

YEAR	89	MONTH	10	TIME	ZONE	UTC	SHIP	Porizean	CRUISE	8913	PAGE	3	OF	9
DAY	STATION NUMBER	DEPTH SOUNDING (M)	SHIP STOP/START TIME	LATITUDE/LONGITUDE	STD CONSEC. #/DEPTH	STD TIME	HYDRO CONSEC. #/DEPTH	MESSANGER TIME	SALINITY #/CALIBRATION	LOOP OR DEPTH	OXYGEN #	SURFACE TEMPERATURE/	SALINITY	NOTES
26	LA07	116	1844	48 09.05	24	1846		24		12.536				Loop
			1853	125 23.96	118					32.232				-pos'n by SatNav/D.R.
26	LA06	107	1952	48 11.54	25	1956		25		12.972				Loop
			2001	125 32.71	109					32.181				No Loran KXX
26	LA05	118	2038	48 14.91	26	2040		26		12.808				No Loran
			2046	125 10.29	120					32.247				
26	LA04	192	2119	48 19.45	27	2122		27		12.188				Loran working
			2129	125 04.03	192					32.271				
26	LA03	107	2202	48 22.88	28	2204		28		12.246				
			2212	124 57.92	110					32.164				
26	LA02	310	2243	48 26.12	29	2245		29		11.633				
			2255	124 51.21	314					31.902				
26	LA01	262	2325	48 29.23	30	2326		30		12.055				Loop
			2336	124 43.98	261					29.396				Wind 12 knots 286°
27	D15A	230	0050	48 25.06	31	0053		31		12.089				Loop
			0101	124 30.13	224					29.919				
27	D14A	217	0230	48 20.49	32	0231		32		11.746				loop.
			0239	124 15.04	218					30.131				
27	D13A	188	0414	48 16.83	33	0416		33		9.901				Loop
			0422	124 0.66	192					31.959				
27	D12A	170	0546	48 15.18	34	0547		34		10.234				Loop
			0553	123 44.97	174					31.868				
27	D11A	168	0710	48 14.09	35	0719		35		9.700				loop
			0725	123 29.94	168					31.565				

[illegible]