

CRUISE
NUMBER

99209

DAILY LOG
INSTITUTE OF OCEAN SCIENCES
OCEAN PHYSICS

DATE

Aug 9-16 /99

VESSEL

Ricker

PROJECT

COPRA / La Perouse

Captain: _____ First Officer: _____
Second Officer: _____ Third Officer: _____
Cruise Participants / Agencies: PBS/DAS
Scientific Personnel: Party Chief: Dan Ware

Name	Watch	Cabin	Name	Watch	Cabin
<u>Ron Tanasichuk</u>	_____	_____	_____	_____	_____
<u>Bill Andrews</u>	_____	_____	_____	_____	_____
<u>Carol Cooper</u>	_____	_____	_____	_____	_____
<u>Christine Tovey</u>	_____	_____	_____	_____	_____
<u>Dennis Chalmers</u>	_____	_____	_____	_____	_____
<u>Jacqueline D'Connell</u>	_____	_____	_____	_____	_____
<u>Steve Romaine</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Second leg of cruise: Party Chief: _____

Name	Watch	Cabin	Name	Watch	Cabin
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Data logging system: Unit no.: _____

Program Name: _____ Program version: _____
CTD deck unit make: _____ model: _____ serial no.: _____
Computer make: _____ model: _____ serial no.: _____

1st CTD make: SBE model: 911 serial no.: PBS
Temperature sensor model: _____ serial no.: 2710 / 2449
coefficients: slope: _____ offset: _____
Conductivity sensor model: _____ serial no.: 2270 / 1763
coefficients: slope: _____ offset: _____
Pressure sensor range: _____ psi serial no.: 69693
coefficients: FSP: _____ dB offset: _____
Transmissometer model: _____ serial no.: 197
coefficients: slope: _____ offset: _____

Comments: _____

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH		SHIP		CRUISE		PAGE		OF				
1999		August		W.E. Ricker		9929		1		5				
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
11	B5	CTD		BE	0001	48 34.503	125 30.000		132	125				CTD Fail! Aborted
				BO		↓	↓							
				EN		48 40.6	125 46.25	TR						
11	B5	NET	0806	BO	0002	48 34.503	125 30.000		132	125				
11	B6	NET	0858	BO	0003	48 36.46	125 54.0							Bongo VNH
11	B6	CTD	0916	BE	0004	48 32.002	125 35.491		78					Bongo VNH
			0917	BO		48 31.82	125 35.64		78	73				No pump - 00010
			0919	EN		48 31.80	125 35.65							garbage data
11			2052			ACTUAL 48 30.46	125 54.0							Call to D. Anderson -
														Must use ^F4 to
12	C3	CTD	0125	BE	0005	48 23.472	125 20.811	GPS	119	115				manually activate pump
			0127	BO	0005	48 23.46	125 20.78							2nd Sal not working
			0130	EN	0005	48 23.45	125 20.76							
12	C3	NET	0149	BO	0006	48 23.45	125 20.76		119	115				
12	C2	CTD	0306	BE	0007	48 25.454	125 07.77	GPS	129	124				Bongo Unit
			0309	BO	0007	48 25.44	125 07.73							2nd Sal not working
			0312	EN	0007	48 25.44	125 07.97							

THESE POSITIONS ARE THE CURSOR

CAST TYPE - BOT - bottle cast
CTD - ctd
MOR - mooring

ROS - rosette
NET - net haul
DRF - drifter

USW - sea water loop

TIME CODE - BE - beginning time of cast
BO - bottom time of cast
EN - end of cast

DE - deployment time
MR - messenger release
RE - recover mooring

POSITION CODE - RAD - RADAR
GPS - GLOBAL
LOR - LORAN

DAILY LOG

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YEAR 99			MONTH 08			SHIP Fisher			CRUISE 9929				PAGE 2 OF 5	
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
12	C2	NET	0319	BO	0008	48 25.44	125 07.97		129	124				Bongo VNH
12	C1	CTD	0442	BE	0009	48 28.96	125 15.26		151	145				
			0444	BO	0009	48 28.71	125 15.26							
			0447	EN	0009	48 28.69	125 15.30							
12	C1	NET	0512	BO	0010	48 28.68	125 15.30		151	145				Bongo VNH
12	E1	CTD	0715	BE	0011	48 31.77	125 03.76		116	110				
			0717	BO	0011	48 31.78	125 03.95							
			0720	EN	0011	48 31.79	125 03.97							
12	E1	NET	0730	BO	0012	48 31.79	125 03.97		116	110				Bongo VNH
13	A1	CTD	0352	BE	0013	48 29.43	126 07.04		195	190				
			0356	BO	0013	48 29.41	126 07.03							
			0359	EN	0013	48 29.39	126 07.02							
13	A1	NET	0412	BO	0014	48 29.39	126 07.02		195	190				Bongo VNH
	A2	CTD	0521	BE	0015	48 22.64	126 03.65		358	350				
			0526	BO	0015	48 22.61	126 03.58							
			0532	EN	0015	48 22.59	126 03.50							
	A2	NET	0537	BE	0016	48 22.59	126 03.50							Bongo VNH

CAST TYPE -

BOT -
CTD -
MOR -bottle cast
ctd
mooringROS -
NET -
DRF -rosette
net haul
drifter

USW -

sea water loop

TIME CODE -

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EN -beginning time of cast
bottom time of cast
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messenger release
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POSITION CODE -

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YEAR		MONTH		SHIP		CRUISE		PAGE		OF				
99		08		Richee		9929		3		5				
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
13	A3	CTD	0705	BE	0017	48 24.72	126 15.79		921	500				
			0714	BO	0017	48 24.67	126 15.76							
			0722	EN	0017	48 24.62	126 15.73							
13	A3	NET	0730	BO	0018					150	RETURN TO START			Bongo VNH 1
13	A3	NET	0750	BO	0019					150	LAT+LONG WHEN			Bongo VNH 2
13	A3	NET	0814	BO	0020					150	NET WAS ON BOARD			Bongo ONH 3
13	A3	NET	0833	BO	0021					150				Bongo ONH 4
13	A3	NET	0854	BO	0022					150				Bongo VNH 5
13	A3	NET	0911	BO	0023					150				Bongo VNH 6
13	A3	NET	0924	BO	0024					150				Bongo ONH 7
13	A3	NET	0941	BO	0025					150				Bongo ONH 8
13	A3	NET	0955	BO	0026					150				Bongo ONH 9
13	A3	NET	1008	BO	0027					150				Bongo VNH 10
	A3	NET			0028									Bongo ONH 11
	A3	NET			0029									Bongo ONH 12
	A3	NET			0030									Bongo VNH (250m)
NOT DONE														

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99		08		Krihar		9929		4		5				
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STDA-HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
14	B3	CTD	0333	BE	0028	48 51.11	125 39.21		46	40				
			0334	BO	0028	48 51.10	125 39.21							
			0335	EN	0028	48 51.10	125 39.21							
14	B3	NET	0340	BO	0029	48 51.10	125 39.21		40	40				
14	B5	CTD	0552	BE	0030	48 40.578	125 46.349		7065	60				Bongo VNH
			0553	BO	0030	48 40.58	125 46.39							
			0555	EN	0030	48 40.58	125 46.44							
14	B5	NET	0600	BO	0031	48 40.58	125 46.44							
14	B6	CTD	0703	BE	0032	48 36.45	125 54.11		90	85				Bongo VNH
			0705	BO	0032	48 36.43	125 54.14							
			0707	EN	0032	48 36.41	125 54.18							
14	B6	NET	0729	BO	0033	48 36.41	125 54.18		70	85				Bongo VNH
14	D2	CTD	0957	BE	0034	48 53.13	125 57.00		60	55				
			0959	BO	0034	48 53.13	125 57.01							
			1000	EN	0034	48 53.13	125 57.01							
14	D2	NET	1004	BO	0035	48 53.13	125 57.01							Bongo VNH
					00									

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DAY (UTC)		STATION ID		CAST TYPE		TIME (UTC)		TIME CODE		STD/HYDRO CONSEC #		LATITUDE		LONGITUDE		POSITION CODE		BOTTOM DEPTH (m)		MAX SAMPLING DEPTH (m)		CONSEC SAMPLE #		# OF BOTTLES		INIT		COMMENTS	
99		08		Ruber		9929		5		5																			
14	DI	CTD	1124	BO	0036	48 58.32	125 47.06		41	36																			
			1125	BO	0036	48 58.32	125 47.07																						
			1127	EN	0036	48 58.32	125 47.07																						
14	DI	NET	1132	BO	0037	48 58.32	125 47.07		41	35																			Bongo VNH
END OF CRUISE.																													