

DOJO1 FDT LC line started using the old PGS 286 computer
and the Ver 1.47 acquisition software

The new version and 486 computer would not run the acquisition
software downloaded from IOS to G Sevelung 486 computer.

YEAR1997

MONTHAUG

SHIPRicken

CRUISE922T 9728 (GA11 26 Aug 97)

PAGEOF

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	LC1	CTD	0801	BE	1	48 50 44	125 28 01	GPS	93M	87			None	
11	LC1	CTD	0804	BO	1/2	48 50 46	125 28 10	GPS						
11	LC1	CTD	0806	EN	2	48 50 49	125 28 17	GPS						
11	LC2	CTD	0834	BE	3	48 48 73	125 30 86	GPS	104				None	
11	LC2	CTD	0836	BO	3/4	48 48 74	125 30 90	GPS						
11	LC2	CTD	0838	EN	4	48 48 76	125 30 95	GPS						
11	LC3	CTD	0904	BE	5	48 46 95	125 34 00	GPS	130				JOC	
11	LC3	CTD	0907	BO	5/6	48 46 99	125 34 15	GPS						
11	LC3	CTD	0909	EN	6	48 46 98	125 34 19	GPS						
11	LC4	CTD	0951	BE	7	48 43 47	125 40 25	GPS	161				None	
11	LC4	CTD	0955	BO	7/8	48 43 43	125 40 33	GPS						
11	LC4	CTD	0958	EN	8	48 43 46	125 40 34	GPS						
11	LC5	CTD	0612	BE	9	48 39 92	125 47 35	GPS					JOC	9 JL
11	LC5	CTD	0614	BO	9/10	48 39 92	125 47 39	GPS						
11	LC5	CTD	0615	EN	10	48 39 93	125 47 42	GPS						
12	LC6	CTD	0710	BE	11	48 36 54	125 53 44	GPS	84	75			JOC	Loop Sample
12	LC6	CTD	0712	BO	11/12	48 36 55	125 53 51	GPS					9 JL	(Mark Counters)
12	LC6	CTD	0714	EN	12	48 36 57	125 53 56	GPS						

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

POS - pos
HYD - hydro
CON - con

RES - res
MIL - mil
HOF - hof

DSW - dsw
SEA - sea
WAT - wat
1000

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 - GPS
LOR - LORAN

Received Calibration data for Transmissometer #134

from Doug Anderson at IOS

OLD values used for LC1 - LC8 (102 = 2)

Now coefficients entered into program

TRANSMISSOMETER				BUILD LINE			
FACTORY AIR	=	4.755	offset	0.003	=	-2.01997	Slope
AIR NOW	=	4.738	offset	0.004	=	100.918	Offset

Precision CTD BINARY
IOS Deck UNIT

DIP SW	SI
1	C
2	C
3	C
4	0
5	0
6	0
7	0
8	0

→ C = ASCII 0 = BINARY

PORTABLE ASCII PBS Deck UNIT

SW1	SW3
1	C
2	C
3	C
4	0
5	0
6	0
7	0
8	0

OFF

15:00 Local 12/8

Problems with 58483 error light full on.
Transmissometer lead had been damaged by water leak.
Made a new lead CTD/TRANS (New connectors new splice)

DAILY LOG

OCEAN PHYSICS

DAILY LOG					OCEAN PHYSICS					WIND		PAGE		OF					
YEAR		1997			MONTH		August			SHIP		W.E. RICKER			CRUISE		9727 9728		
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	LC7	CTD	0816	BE	13	48 33	00	126 00 56	GPS	123.4	115					Loop sample taken by John Love			
12	LC7	CTD	0819	BO	13/14	48 33	00	126 00 65	GPS										
12	LC7	CTD	0822	EN	14	48 33	03	126 00 71	GPS										
12	LC8	CTD	0911	BE	15	48 29	50	126 06 87	GPS	193						Loop			
12	LC8	CTD	0914	BO	15/16	48 29	52	126 06 90	GPS										
12	LC8	CTD	0918	EN	16	48 29	54	126 06 96	GPS							Data backed up			
13	LBØ1	CTD	0631	BE	17	48 40	40	124 59 39	GPS							New Trans Coeff			
13	LBØ1	CTD	0632	BO	17/18	48 40	39	124 59 37	GPS							Entered in header.			
13	LBØ1	CTD	0634	EN	18	48 40	39	124 59 37	GPS							Loop Sample			
13	LBØ2	CTD	0703	BE	19	48 39	17	125 02 24	GPS										
13	LBØ2	CTD	0705	BO	19/20	48 39	16	125 02 25	GPS										
13	LBØ2	CTD	0706	EN	20	48 39	14	125 02 27	GPS										
13	LBØ3	CTD	0743	BE	21	48 37	40	125 05 68	GPS	90	82								
13	LBØ3	CTD	0745	BO	21/22	48 37	40	125 05 75	GPS							Loop			
13	LBØ3	CTD	0748	EN	22	48 37	48	125 05 85	GPS										
13	LBØ4	CTD	0821	BE	23	48 35	73	125 08 62	GPS										
13	LBØ4	CTD	0824	BO	23/24	48 35	70	125 08 65	GPS	107	96					Loop			
13	LBØ4	CTD	0827	EN	24	48 35	67	125 08 68	GPS										

CAST TYPE: BOT - Bottle cast, CTD - CTD, STD - STD, POS - POS, NET - Net haul, DRP - DRP, TIME CODE - BE - Beginning time of cast, BO - Bottom time of cast, EN - End of cast, DE - deployment time, ME - messenger release, RE - recover mooring, POS - CN CODE, RAD - RAD, ELOC - ELOC, LOR - LOR

CALIBRATION BOTTLE

THERMOMETER

TEMP # 4.167

(# 679)

PRESSURE SENSORS

PRESSURE SNO

973.9 decibars

(# 2099)

2000 BLACK HAD

* Loop samples up to LB07 were not stoppered with the poly caps, just the black retainer caps (LC1 was capped correctly).

Although no salt had leaked from sample cap, it should be taken into consideration when the samples are analyzed. The polycaps were installed on all samples when the problem was discovered at LC09.

SL

YEAR		MONTH			SHIP		CRUISE		PAGE		OF			
1997		Aug			Ricker		9727 9728							
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	LB05	CTD	0858	BE	25	48 34 08	125 11 88	GPS	97	90			flow	
13	LB05	CTD	0901	BO	25/26	48 34 02	125 11 94	GPS						
13	LB05	CTD	0904	EN	26	48 34 01	125 11 98	GPS						Loop
13	LB06	CTD	0939	BE	27	48 32 30	125 15 44	GPS						Loop
13	LB06	CTD	0942	BO	27/28	48 32 30	125 15 44	GPS	108	100			flow	Interesting Trans data?
13	LB06	CTD	0945	EN	28	48 32 33	125 15 42	GPS						
13	LB07	CTD	10:47	BE	29	48 28 77	125 21 72	GPS					flow	
13	LB07	CTD	10:50	BO	29/30	48 28 76	125 21 69	GPS		151				
13	LB07	CTD	10:53	EN	30	48 28 80	125 21 70	GPS						Loop * See note loop
14	LC09	CTD	0836	BE	31	48 26 06	126 13 70	GPS						Loop
14	LC09	CTD	0850	BO	31/32	48 26 15	126 13 75	GPS						
14	LC09	CTD	0900	EN	32	48 26 15	126 13 87	GPS	608	595				
14	LC10	CTD	0954	BE	33	48 22 67	126 19 84	GPS	(not showing)	1000				Loop
14	LC10	CTD	1011	BO	33/34	48 22 79	126 19 97	GPS						See notes CALIBRATION Bottle
14	LC10	CTD	1031	EN	34	48 22 92	126 20 18	GPS						
14	LC11	CTD	1134	BE	35	48 19 64	126 26 32	GPS	1200	1304				Loop
14	LC11	CTD	1151	BO	35/36	48 19 64	126 26 32	GPS						
14	LC11	CTD	1208	EN	36	48 19 73	126 26 52	GPS						

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

ROS - rosette NET - net haul DRF - drifter

UOW - 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 recording

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

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

DAILY LOG					OCEAN PHYSICS					INSTRUMENTS					
YEAR			MONTH			SHIP			CRUISE			PAGE		OF	
1997			AUG			RICKER			9727 9728						
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
16	NEWS	CTD	0150	BE	37	48 14	18	125 57 16	GPS	700	500	37	1		Loop
16	"	CTD	0202	BO	37/38	48 14	09	125 57 11	GPS						Cast at fishing location
16	"	CTD	0207	EN	38	48 14	10	125 57 10	GPS						Set #4
16	LB09	CTD	0425	BE	39	48 22		125 34 64	GPS	147					
16	LB09	CTD	0430	BO	39/40	48 22	10	125 34 66			137	38			Loop
16	LB09	CTD	0433	EN	40	48 22	12	125 34 65							
16	LB10	CTD	0521	BE	41	48 18	68	125 41 41				39			Loop
16	LB10	CTD	0526	BO	41/42	48 18	71	125 41 47		150	141				
16	LB10	CTD	0528	EN	42	48 18	71	125 41 49							
16	LB11	CTD	0613	BE	43	48 15	20	125 47 78		204	195	40			Loop
16	LB11	CTD	0618	BO	43/44	48 15	20	125 47 78							
16	LB11	CTD	0620	EN	44	48 15	21	125 47 80							
16	LB12	CTD	0652	BE	45	48 12	90	125 51 9.				41			Loop
16	LB12	CTD	0701	BO	45/46	48 12	98	125 52 02							
16	LB12	CTD	0707	EN	46	48 12	98	125 51 98							
16	LB13	CTD	0742	BE	47	48 10	69	125 55 95				42			CALIBRATION BOTTLE
16	LB13	CTD	0746	BO	47/48	48 10	77	125 56 00							
16	LB13	CTD	0814	EN	48	48 10	80	125 55 96	GPS	889.4	880		1		

CAST TYPE -

BOT -

bottle cast

HOB -

residual

LHW -

sea water (kg)

TIME CODE -

BE -

beginning time of cast

DE -

deployment time

POSITION CODE -

RAD -

GPS -

GLOBAL

LOCAL

STD -

net

NET -

not used

DRF -

drifter

BO -

bottom time of cast

RE -

recovery time

LOR -

LOCAL

LOCAL

P7. of 18

SN° 679

Temp #1

battery dead

SN° 647

Temp #2

4.325

SN° 2099

Pressure Sensor. 856.3 dbar

OCEAN PHYSICS

DAILY LOG

YEAR		MONTH		SHIP		CRUISE		PAGE		OF				
1997		AUGUST		W. E. RICKER		9724 9728								
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
16	LB14	CTD	0849	BE	49	48°08.80	126°00.00	GPS	1163					
16	LB14	CTD	0905	BO	49/50	48 08 81	126 00 00	GPS		1117				
16	LB14	CTD	0917	EN	50	48 08 85	126 00 09	GPS						
17	LD02	CTD	0656	BE	51	48°58.42	125°47.27	GPS	40					
17	LD02	CTD	0658	BO	51/52	48°58.43	125°47.30	GPS		30				
17	LD02	CTD	0657	EN	52	48°58.43	125°47.35	GPS						
17	LD04	CTD		BE	58	48°53.14	125°56.96	GPS	59	50				
17	LD04	CTD		BO	58/61	48°53.15	125°56.97	GPS						
17	LD04	CTD		EN	61	48°53.16	125°56.97	GPS						
17	LD06	CTD	0931	BE	62	48°46.16	126°10.19	GPS	133					
17	LD06	CTD	0933	BO	62/63	48°46.17	126°10.27	GPS						
17	LD06	CTD	0936	EN	63	48°46.17	126°10.33	GPS						
17	LD07	CTD	1020	BE	64	48°42.68	126°16.80	GPS	562	549				
17	LD07	CTD	1033	BO	64/65	48°42.70	126°17.08	GPS						
17	LD07	CTD	1043	EN	65	48°42.71	126°17.26	GPS						
17	LD08	CTD	1128	BE	66	48°39.08	126°23.07	GPS	798					
17	LD08	CTD	1143	BO	66/67	48°39.18	126°23.67	GPS		778				

DATA BACKED UP - 5 Loop

NOTE AT SOME TIME AFTER NOW THE TIME ON THE CTD COMP. WAS CHANGED (INADVERTENTLY) TO LOCAL FROM UT. IT WAS CHANGED BACK ON THE 22ND.

Loop

sticky key on computer? flipped screen a few times

Loop on alt (5%)

Loop

Loop

CAST TYPE: BOT - bottom cast, CTD - CTD, MCH - mooring, POS - POS, NET - net haul, DRB - drifter, USW - underwater 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

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR			MONTH			SHIP			CRUISE			PAGE		OF	
									9728						
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	
17	LDO7	CTD	1154	EN	67	48°39.19	126°23.85	GPS			#47		98	LOOP	
18	NONE	CTD	0519	BE	68	49°19.97	127°0.09	GPS	135				98		4919.9 12700.4
18	NONE	CTD	0522	BO	68/69	49°19.94	127°0.12	GPS		122			98		4
18	NONE	CTD	0524	EN	69	49°19.91	127°0.12	GPS			#48		98	LOOP	4
18	NONE	CTD	0622	BE	70	49°19.99	127°10.04	GPS	201				98		5
18	NONE	CTD	0628	BO	70/71	49°19.91	127°10.10	GPS	201	194			98		5
18	NONE	CTD	0630	EN	71	49°19.93	127°10.09	GPS			#49		98	LOOP	5
18	NONE	CTD	0709	BE	72	49°20.05	127°14.68	GPS	660				98		6
18	NONE	CTD	0719	BO	72/73	49°20.11	127°14.88	GPS		651			98		6
18	NONE	CTD	0728	EN	73	49°20.16	127°15.01	GPS			#50		98	LOOP	8
18	NONE	CTD	1134	BE	74	49°20.21	126°24.00	GPS	35				98		1
18	NONE	CTD	1136	BO	74/75	49°20.22	126°24.02	GPS		28			98		1
18	NONE	CTD	1137	EN	75	49°20.23	126°24.06	GPS			#51		98	LOOP	1
18	NONE	CTD	1233	BE	76	49°20.24	126°35.60	GPS	56				98		2
18	NONE	CTD	1234	BO	76/77	49°20.41	126°35.58	GPS		45			98		2
18	NONE	CTD	1236	EN	77	49°20.40	126°35.56	GPS			#52		98	LOOP	2
18	NONE	CTD	1333	BE	78	49°20.12	126°45.42	GPS	106				98		3
18	NONE	CTD	1336	BO	78/79	49°20.11	126°45.43	GPS					98		3

CAST TYPE -

BOT -

CTD -

NONE -

- bottle cast

- cast

- casting

ROS -

NET -

DIF -

- rebottle

- net haul

- sh tow

USW -

- ultra water loss

TIME CODE -

BE -

BO -

EN -

- beginning time of cast

- bottom time of cast

- end of cast

DE -

MR -

RE -

- deployment time

- messenger release

- recovered mooring

POSITION CODE -

RAD -

GPS -

LOR -

RADAR -

GLOBAL -

LORAN -

Sampling on Ave 18 along $48^{\circ}20'$ - for comparison with ① 38×120 kHz
acoustic data taken during the day ② ADCP data taken concurrently
③ Trawl data taken as per log ④ TS data using new SEAPILOT
TS.

1 2 3 4 5 6

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH			SHIP					CRUISE				PAGE		OF	
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		
18	NONE	CTD	1339	EN	79	49°20.12	126°45.42	GPS		95.0		#53		JK	LOOP	3	
							DATA	BACKUP		- Gain	Jewscopy				19 Aug 97		
19	NONE	CTD	1410	BE	80	50°23.19	128°1.23	GPS	74					JK	Start Set 15	C42-1	
19	NONE	CTD	1412	BO	80/81	50°23.22	128°1.21	GPS		61.2				JK		2917.75 11	
19	NONE	CTD	1413	EN	81	50°23.24	128°1.20	GPS				#54		JK	LOOP		
19	NONE	CTD	1516	BE	82	50°23.58	128°6.57	GPS	81					JK	End Set 15	C42-2	
19	NONE	CTD	1518	BO	82/83	50°23.61	128°6.58	GPS		70				JK	AUG 97-4		
19	NONE	CTD	1519	EN	83	50°23.63	128°6.56	GPS				#55		JK	SCAN 2717 12.906°C 31.9649		
19	NONE	CTD	1617	BE	84	50°23.29	128°11.15	GPS	130					JK	End Set 16	C42-3	
19	NONE	CTD	1619	BO	84/85	50°23.30	128°11.20	GPS		121				JK	AUG 97-4		
19	NONE	CTD	1621	EN	85	50°23.28	128°11.23	GPS				#56		JK	SCAN 2839 13.658°C 31.9836		
19	NONE	CTD	1700	BE	86	50°22.75	128°14.29	GPS	166					JK	End Set 17	C42-4	
19	NONE	CTD	1704	BO	86/87	50°22.74	128°14.37	GPS						JK	AUG 97-4		
19	NONE	CTD	1706	EN	87	50°22.73	128°14.41	GPS		150		#57		JK	SCAN 2929 - Netting Down		
19	NONE	CTD	1817	BE	88	50°22.91	128°23.34	GPS						JK	LOOP - Netting Up		
19	NONE	CTD	1821	BO	88/89	50°22.95	128°23.46	GPS	192					JK	AUG 97-4		
19	NONE	CTD	1824	EN	89	50°22.97	128°23.56	GPS				#58		JK	SCAN 3087 C42-5		
														JK	End Set 18		
														JK	LOOP		

CAST TYPE - BOT - 4000-2401 POS - 4000-2401

STD - 4000-2401

POS - 4000-2401

TIME CODE - BE - 1.5 - 1.5

BEGINNING TIME OF CAST - 1.5 - 1.5

DE - 1.5 - 1.5

POSITION CODE - 1.5 - 1.5

POS - 1.5 - 1.5

Aug 19, 97 CTD's taken along survey line C421 - sampling conducted at
end of each trawl / Trawls in top 50m for salmon/mackerel/sardine
distribution.

ADCP run back along line at completion

SRD 17 had 80% HAKE!

YEAR			MONTH			SHIP				CRUISE			PAGE		OF	
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		
19	NONE	CTD	1920	BE	90	50°23.03	128°29.97	GPS	710				✓	AUG 97-4 C42-6 SCAN 3239-12.9477°C		
19	NONE	CTD	1931	BO	90/91	50°23.15	128°30.31	GPS		662			✓	END SET 19		
19	NONE	CTD	1939	EN	91	50°23.28	128°30.35	GPS			#59		✓	LOOP		
19	NONE	CTD	2138	BE	92	50°22.40	128°42.25	GPS	1876				✓	AUG 97-4 C42-7 SCAN 3513 14.5362°C		
19	NONE	CTD	2158	BO	92/93	50°22.56	128°42.59	GPS		1400			✓	END SET 21		
19	NONE	CTD	2213	EN	93	50°22.65	128°42.86	GPS			#60		✓	LOOP		
20	NONE	CTD	2056	BE	94	50°40.17	129°12.31	GPS	947				✓	AUG 97-4 C54-1 SCAN 6331 15.2312°C		
20	NONE	CTD	2115	BO	94/95	50°40.20	129°12.38	GPS		936			✓			
20	NONE	CTD	2127	EN	95	50°40.35	129°12.65	GPS			#61		✓	LOOP		
20	NONE	CTD	2156	BE	96	50°41.83	129°8.55	GPS	920				✓	AUG 97-4 C54-2 SCAN 6446		
20	NONE	CTD	2211	BO	96/97	50°41.83	129°9.01	GPS		912			✓			
20	NONE	CTD	2223	EN	97	50°41.94	129°9.20	GPS			#62		✓	LOOP		
20	NONE	CTD	2253	BE	98	50°43.26	129°5.25	GPS	385				✓	AUG 97-4 C54-3 SCAN 6519 13.0925°C		
20	NONE	CTD	2258	BO	98/99	50°43.29	129°5.29	GPS					✓			
20	NONE	CTD	2258	EN	99	50°43.38	129°5.28	GPS			#63		✓	LOOP		
20	NONE	CTD	2332	BE	100	50°45.44	129°0.17	GPS	128				✓	AUG 97-4 C54-4 SCAN 6588 11.7992°C		
20	NONE	CTD	2334	BO	100/101	50°45.46	129°0.13	GPS		116			✓			
20	NONE	CTD	2336	EN	101	50°45.51	129°0.09	GPS			#64		✓	LOOP		

CASE TYPE - BOT - bottle cast
CTD - CTD
NONE - mooring

ROS - rosita
NET - net haul
DBR - d-br

VIEW - view with loop

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

DE - deployment time
LR - resuspending release
RE - retrieval mooring

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

CAST 90/91 - Bottom 710 but probe stopped at ~660.
May have hit a pinnacle. - probe OK

Aug 19 - Line coincident with Surface Tows and EK500
Logging over its full extent. Ran out board.
Ran inboard with ADCP after completion of
the line.

Aug 20 casts - ~~AT~~ ADCP run concurrently over C54 run during the day for
Hake acoust. co. - EK500

DAILY LOG

OCEAN PHYSICS

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YEAR	MONTH				SHIP					CRUISE		PAGE		OF		
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		
21	NONE	CTD	0003	BE	102	50°47.17	128°55.93	GPS	84				98	Aug 97-4 C54-5		
21	NONE	CTD	0005	BO	102/103	50°47.17	128°55.88	GPS		72			16	SCAN 6652 10.6779 °C		
21	NONE	CTD	0007	EN	103	50°47.18	128°55.86	GPS			#65		98	Loop		
22	- 03:58 UT → computer clock reset to UT - it had been changed to local.															
23	NONE	CTD	0250	BE	104	52°21.72	131°41.53	GPS	939				98	Aug 97-4		
23	NONE	CTD	0308	BO	104/105	52°21.75	131°41.92	GPS		903			16	SCAN 11952 15.3048 °C		
23	NONE	CTD	0318	EN	105	52°21.83	131°42.26	GPS			#66		98	Loop.		
23	NONE	CTD	0337	BE	106	52°21.74	131°39.83	GPS					98	Aug 97-4		
23	NONE	CTD	0348	BO	106/107	52°21.82	131°39.70	GPS	741				16	SCAN 12026 15.3079 °C		
23	NONE	CTD	0356	EN	107	52°21.83	131°39.65	GPS		734	#67		98	Loop		
23	NONE	CTD	0405	BE	108	52°21.80	131°38.71	GPS					98			
23	NONE	CTD	0414	BO	108/109	52°21.85	131°38.62	GPS					98	NO-TS SCAN TAKEN		
23	NONE	CTD	0419	EN	109	52°21.86	131°38.65	GPS		492	#68		98	Loop		
23	NONE	CTD	0429	BE	110	52°21.72	131°37.56	GPS	170				98			
23	NONE	CTD	0433	BO	110/111	52°21.71	131°37.49	GPS					16	SCAN 12111 15.3095 °C		
23	NONE	CTD	0436	EN	111	52°21.70	131°37.47	GPS			#69		98	Loop		

CAST TYPE -

BOT -

bottle cast

NON -

no net haul

USW -

sea water loop

TIME CODE -

BE -

beginning time of cast

BO -

beginning time of last

POSITION CODE -

RAD -

RADAR

CTD -

and mooring

NET -

net haul

LRF -

long range

BN -

beginning time of last

MR -

mooring receiver

GPS -

GLOBAL

LOR -

LOCAL

Aug 23, 97 Sampled a short line at the northern extent of
the lake distribution. Ran the line using acoustics Q18.

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