

2/15
PAGE
ID:
SEP-10-98 14:41 FROM: PACIFIC BIO. STATION

DAILY LOG

go alt sit exits
program go alt again

OCEAN PHYSICS

AH Q - Quit program
INSTITUTE OF OCEAN SCIENCES

YEAR	MONTH	SHIP	CRUISE	PAGE	OF									
1998	MARCH	W.E. KILLER	TALL GPS 7302 - STAFF OF GEORGE HAWK	1										
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
76		CTD	1423	UT	1	we are having problems with the alt so the numbers may not be in order			67.9		DPN		G	Bottle above fish BRIDGE LOG 1
76		CTD	1433	UT	2	48°51.0'N	122°52.8'W	BR LOG	67.9	25.92	01		G	in the bottom! BRIDGE LOG 2
						PROBLEM WITH PRESSURE SENSOR - seems to read 1/2 actual depth.								
76	2		2148	UT	3	48°53.8'N	122°57.47'W	CDAQ	125	110	1			T03 BRIDGE LOG 3 down
						Pressure 5.25 at surface			125	110	6-loop sample 6			up
76			~2200	UT	4	48°54.04'N	122°58.06'W	CDAQ	125	110			G	
77	3		2:53	UT	5	48°59.55'N	123°30.64'W	CDAQ	127	124	02		T	
77	3		2:59	UT	6	48°59.65'N	123°30.59'W	CDAQ	135	124	02		T	
77	4		3:24	UT	7	49°01.35'N	123°27.91'W	CDAQ	276	280			T	BRIDGE LOG 4
77	4		3:30	UT	8	49°01.4'N	123°27.87'W	CDAQ	276	287			T	Salinity Sample didn't work - messenger tripped
77	5		3:50	UT	9	49°02.98'N	123°25.51'W	CDAQ	293	272	03		T	BRIDGE LOG 5
77	5		4:01	UT	10	49°02.85'N	123°25.59'W	CDAQ	295	295	03		T	
77	6		4:40	UT	11	49°05.06'N	123°22.0'W	BR LOG	185	197	04		T	BRIDGE LOG 6 Bongo Plankton Stn #2
77	6		4:45	UT	12	49°05.03'N	123°22.09'W	CDAQ	181	194	04		T	0-50m + 0-130m
77	7		5:56	UT	13	49°06.6'N	123°20.13'W	CDAQ	115	117 (101)	05		T	BRIDGE LOG 7
77	7		6:01	UT	14	49°06.58'N	123°20.20'W	CDAQ	115	120	05		T	
77	8		7:24	UT	15	49°17.06'N	123°30.11'W	CDAQ	186	192 (180)			T	BONGO PLANKTON STN #12
77	8		7:32	UT	16	49°17.1'N	123°30.0'W	BR LOG	186	192			T	0-50m + 0-115 m B.L. 8

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

Pressure was 2-30 at seafloor,
hit bottom at 25.8 m and $Z = 67m$
on surface 1.3

Water conduct seemed to be 2x pressure sensor

Possible kink in wire 50m approx (from the end)

OK if you send 2 messengers 10 sec apart

JAN	31
FEB	28
MAR	17
76	

NOTES — 9 SEPTEMBER 1998 GAIL JEWISBURY

— POSITIONS WERE ADDED TO LOG FROM CDAQ
RAW FILES

— BRIDGE LOG NUMBERS WERE ADDED
#21 WAS USED TWICE

— SEA WATER LOOP SAMPLES WERE TAKEN
TO CALIBRATE THE THERMO SALINOGRAPH

MAKE SURE ITS LOGGING DATA

Alt S - toggles screen
Alt H - Command screen
Alt Q - Quit program
INSTITUTE OF OCEAN SCIENCES

DAILY LOG

OCEAN PHYSICS

YEAR		MONTH			SHIP			CRUISE				PAGE		OF	
1998		MARCH			W.L. RICKER			9807 - Strait of Georgia Hake				2			
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	
79		CTD			17	Loose connection on board - MT files							T		
79					18								T		
79					19								T		
79					20								T		
79					21								T		
79	T17		4:10	UT	22	49°15.92 N	123°53.12 W	CDAQ	190	183	06		T	BRIDGE LOG 9	
79	T17		4:15	UT	23	49°15.67 N	123°51.98 W	CDAQ	192	183	06		T		
													T		
79	T18		4:32	UT	24	49°14.85 N	123°48.24 W	CDAQ	405	402 ⁽³¹⁵⁾	07		T	BRIDGE LOG 10	
79	T18		4:42	UT	25	49°14.37 N	123°45.89 W	CDAQ	406	402	07		T		
79	T19		5:12	UT	26	49°14.65 N	123°44.24 W	CDAQ	404	390	08		T	BONGO TOW ⁽⁴⁾ LOOP	
79	T19		5:20	UT	27	49°14.69 N	123°45.06 W	CDAQ	403	390	09		T	BRIDGE LOG 11	
79	T20		6:37	UT	28	49°14.46 N	123°42.94 W	CDAQ	319	310	10		T	BRIDGE LOG 12	
79	T20		6:45	UT	29	49°14.41 N	123°42.70 W	CDAQ	319	310	10-LOOP		T		

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OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR 1998				MONTH MARCH		SHIP WE RICKER			CRUISE 9807 - Strait of Georgia Hake				PAGE 3 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 #	# CF BOTTLES	UNIT	COMMENTS
79	T21	CTD	7:12	UT	30	49°14.02 N	123°41.62 W	CDAR	190	181	11		TR	
79	T21		7:16	UT	31	49°13.84 N	123°41.17 W	CDAR	193	181	11			
81		CTD		UT	?	49°27.01 N	124°20.09 W	CDAR			12 LOOP			March 22 98 1720 PST
82				UT		49°35.91 N	124°09.35 W	CDAR			13 / LOOP			March 23 98 (2:02)
83	10	CTD	13:24	UT	32	50°00.01 N	125°04.89 W	CDAR	240	238	14		TR	BONGO
83	10	"	13:29	UT	33	49°59.99 N	125°04.83 W	CDAR	242	243(?)	14			BRIDGE LOG 13
83	9	CTD	2:16	UT	34	49°55.57 N	124°56.17 W	CDAR	219	210	15		TR	BONGO
83	9	CTD	2:21	UT	35	49°55.63 N	124°56.20 W	CDAR			15			BRIDGE LOG 14
83		CTD	04:33	UT	36	49°43.60 N	124°50.93 W	CDAR	56	45	16			Northern CTD Line #1
83		CTD	04:37	UT	37	49°43.59 N	124°50.99 W	CDAR	56	45	16			BRIDGE LOG 15
83		CTD	05:01	UT	38	49°45.54 N	124°49.23 W	CDAR	211	195	17			Northern CTD Line #2
83		CTD	05:07	UT	39	49°45.53 N	124°49.32 W	CDAR	207	195	17			BRIDGE LOG 16

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YEAR	1998		MONTH		MARCH		SHIP		W.E. RICKMAN		CRUISE		9807		PAGE		4 OF	
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83	8	CTD	0534	UTC	40	49°45.53N	124°46.65W	GPS	338		18			Banco Prod. Jan 16 8				
83	8	CTD	0540	UTC	41	49°45.52N	124°46.75W	GPS	338		18			↑ Mark lid " BRIDGE LOG 17				
83	NONE	CTD	6:54	UTC	42	49°47.87N	124°46.89W	GPS	278 ⁽²⁶⁰⁾	275	19		TR	BRIDGE LOG 19				
83		CTD	6:59	UTC	43	49°47.86N	124°46.95W	GPS			19							
83	?		6:57	UTC	4	49°47.87N	124°46.93W	GPS			20		TR	LOOP 6:57				
83	NONE	CTD	7:27	UTC	44	49°49.81N	124°44.99W	GPS	183 ⁽¹⁷⁰⁾	170	21		TR	BRIDGE LOG 20				
83		CTD	7:33	UTC	45	49°49.83N	124°45.11W	GPS	185	170	21							
84		CTD	0253	UTC	46	49°28.91	124°05.93W	GPS	393	380.7	22		G	T=9.68 Sec. 26.870				
84		CTD	0302	UTC	47	49°28.81	124°05.83W	GPS	393	380.7				at Surface BRIDGE LOG 21				
85	6	CTD	6:01	UTC	48	49°10.81	123°35.81	GPS	322	316	23		TR					
85	6	CTD	6:10	UTC	49	49°11.99	123°34.59	GPS	322	316	23		TR					

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27 MAR 86	CO PRA 4	CTD	2147		50 ↓	49° 18.23 N	123° 43.09 W	GPS	303	281	Loop 24	1	G	winced top of cast + 1/3
		CTD	2153		51 ↑	49° 18.25 N	123° 43.01 W	GPS	303	281	Depth 25			on deck 22:02
					52, 53	no file —							G	
28 MAR 87	CO PRA 4	CTD	0147		54 ↓	49° 15.96 N	123° 56.96 W	GPS	306	280.3	Depth 26	1	G	
		CTD	0152		55 ↑	49° 15.35 N	123° 56.14 W	GPS						
					where did '56' go?									
87	CO PRA 4	CTD	1904		57 ↓				241	225.2	Loop 27			BRIDGE LOG 21-AGAIN
		CTD	1912		58 ↑				240	225.0	Depth 28	1	G	
87	CO PRA 4	CTD	2355		59 ↓				249	237	Depth 29	1	G	BRIDGE LOG 22
		CTD	0002		60 ↑				248	240				

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