

FILE = 0005CTD.xls (G. Jewsbury 14 Aug 00)

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH		SHIP		CRUISE		PAGE		OF				
2000		August		W.E. Ricker		0005		1		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
8	C3	CTD	1346	BE	1	48 46.93	125 34.21	GPS	146	122.6	None		G	first CTD - everything
				BO		48 46.95	125 34.22		132		0005001	DAT		worked well, 1° + 2° sal
			1605	EN		48 46.99	125 34.24		132					matched well.
8	C1	CTD	1902	BE	2	48 29.07	125 15.45	GPS	148		positions from CDAQ, although GPS enabled		G	
			1903	BO		48 29.08	125 15.44		150	140	None		9W6	UTC time not updating
			1911	EN		48 29.11	125 15.39		147		0005002	DAT		changed header form
														next CTD
8	C3	CTD	1923	BE	3	48 23.43	125 20.78	GPS	118	111			G	check mooring
			1927	BO		48 23.45	125 20.78		118					with no problem.
				EN		48 23.46	125 20.75		118		0005003	DAT		
9	A4	CTD	0433	BE	4	48 15.01	126 40.09	GPS	1500		0005004	DAT	1W	Good mbt between CTD & CTD
			0444	BO		48 14.98	126 40.31		1500	600				
			0455	EN		48 15.00	126 40.40		1500					
9	A3	CTD	0803	BE	5	48 24.59	126 15.98	GPS	937		0005005	DAT	1W	Loop sample #1 0820
			0817	BO		48 24.54	126 16.21		948	920				
			0829	EN		48 24.50	126 16.34		947					

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

PDS - 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 - recovery mooring

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

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DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR 2000		MONTH AUGUST		SHIP W.E. Ricker		CRUISE 0005		PAGE 2		OF 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
9	A2	CTD	1014	BE	6	48 22.67	126 03.83	GPS	352		0005006		PS	
			1020	BO		48 22.63	126 03.93		351	322				
			1026	EN		48 22.62	126 04.01		349					
10	LQ03	CTD	1421	BE	7	50 39.87	129 01.90		1280		0005007		PS	
			?	BO		50 39.93	129 01.98		1259	603				Bottle 2 - Neg Bottle 3 - Lip
			1457	EN		50 40.01	129 02.02		1170					No up cast recovered At bottom of cast power alarm Unit crashed & p. 66 of 5 min at the slip rings - 0739 POST
10	Test	CTD	1810			50 40.55	129 08.35		915	17 m	0005TST			Testing CTD - removed splice & connector on back unit side - seems to be working
10	J122	CTD	1900	BE	8	50 39.81	129 17.56		1536		0005008		PS	
			1911	BO		50 39.78	129 17.53		1534	603				
			1920	EN		50 39.77	129 17.55		1534					

CAST TYPE -

BT - bottle cast
CD - ctd
MR - mooring

PS - rosette
TH - net haul
DR - drifter

US - sea water loop

TIME CODE

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

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

POSITION CODE

RAD - RADAR
GPS - GLOBAL
LOR - LORAN

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR		MONTH		SHIP		CRUISE		PAGE		OF				
2000		AUGUST		W.E. Ricker		0005		3						
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	NS	CTD	21:25	BE	9	52 38.18	132 03.38		488		0005009		IM	Loop Sample #4
			21:33	BO		52 38.17	132 03.46		504	473				
			21:43	EN		52 38.16	132 03.54		542					
12	Q19	CTD	20:49	BE	10	53 57.91	133 29.72		218		0005010		IM	#5 Bottle Cast
			20:52	BO		53 57.99	133 29.83		219	202				#6 Loop, COAQ 13.141
			20:57	EN		53 58.01	133 29.84		219					[Problem with TS pump after 0300 to about 1100 after blackout → possibly no Temp or Sal data]
13	W007	CTD	14:12	BE	11	53 15.42	130 40.98		187		0005011		NS	
			14:17	BO		53 15.36	130 41.12		187	174				#7 Loop ^{SPAD} Temp 11.70 A1072/ Sal 31.161 P051
			14:21	EN		53 15.34	130 41.14		187					Two spikes in Transmissib
14	CPE1	CTD	07:55	BE	12	50 59.95	127 49.99		148		0005012		NS	
			07:59	BO		50 59.95	127 49.98		152	134				
			08:02	EN		50 59.94	127 49.98		153					

CAST TYPE - BOT - bottle cast
CTD - CTD
MOR - mooring
POS - Posette
NET - net haul
CAF - CTD
USV - surface 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 - recovery mooring

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

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2000					Month AUGUST			Ship CCGS W.E. RICKER				Cruise I.D. 0029			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments	
15	CPF2	CTD	0716	BE	1	49 27.94	124 29.92		325		0029001	1	MS	#8 - Bottle	
			0722	BO		49 27.79	124 29.93		329	313	dat			#9 - Loop	
			0729	EN		49 27.77	124 29.95		329					Some stray values at beginning of cast prior to cutting or pump/detuning	
														Cast data OK.	
16	Set 2	CTD	1600	BE	2	49 52.64	125 0.73	GPS	230	295	0029002	dat	SR	At same area as Trawl Set 2	
			1606	BO		49 52.60	125 0.75							CTD 1	
			1610	EN		49 52.55	125 0.75							NET 2	
														SET 2	
16	Set 3	CTD	2202	BE	3	49 49.85	124 51.25		331		0029003	dat	18	#10 Loop	
			2208	BO		49 49.82	124 51.16		332	316				At same area as Trawl Set 11	
			2214	EN		49 49.80	124 51.11		332					CTD 3	
														NET -	
17	Caltest	CTD	0545		4	49 30.58	124 16.42		45	35	Caltest		17	2245 POST	
														CTD for EX500	
														CALIBRATION IN	
														Trawl Bay Logport	

Cast type: BOT = otter 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 time DE = deployment time MR = messenger release time RE = recover mooring time

Plankton Analysis
Event 51 for
zoopl. database

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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2007					Month August			Ship CGCS W.E. Ricker				Cruise I.D. 0029		
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
17	NSTN	CTD	16:10	BE	5	49 35.60	124 26.53		359		2029004.DAT	1	IH	#11 Bottle ✓
			16:19	BO		49 35.62	124 26.48		355	345				#12 Loop.
			16:27	EN		49 35.62	124 26.40		352					Same as Trawl sets 4 & 5
														Tucker Event #7, S
17	NSTN	CTD	23:05	BE	6	49 21.54	124 16.35		239		0029005.DAT		IH	CTD TOW 7.
			23:10	BO		49 21.57	124 16.31		243	222				Tucker Trawl Event #8
			23:15	EN		49 21.60	124 16.27		247					CTD Event #9
18	HOUMM	CTD	19:30	BE	7	49 48.53	124 02.67		678		0029006.DAT		IH	Bottle #13 REPR ✓
			19:40	BO		49 48.54	124 02.67		678	501				Loop #14 SURF ✓
			19:51	EN		49 48.48	124 02.59		678					
19	MALASPINA	CTD	01:39	BE	8	49 38.92	124 15.51		339		0029007.DAT		IH	CTD FOR RICKER
			01:50	BO		49 38.97	124 15.68		340	320				
			01:56	EN		49 38.97	124 15.68		340					
19	WICKER	CTD	05:26	BE	9	49 26.60	124 04.48		245		0029008.DAT		IH	CTD for Tucker.
	CPE1		05:35	BO		49 26.60	124 04.48		247	230				* NOTE GPS
			05:40	EN		49 26.60	124 04.48		247					Readings wrong -

Cast type:

BOT = otter 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 time

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

GPS 49 22.09
124 04.67
for ALL 3 SETS

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DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

2000					August			Ship CC65 W.E. RICKER				Cruise I.D. 0029		
Year	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
19	Nstn	CTD	17:19	BE	10	49.22.86	123.35.97		165		0029009.DAT		IH	CTD for tow 12 + TUCKER
	Halibut		17:25	BO		49 22.81	123.35.91		165	152				
			17:28	EN		49 22.80	123 35.89		165					
19	Nsrn	CTD	19:59	BE	11	49 15.97	123 41.6		378		0029010.DAT		98	CTD for tow #13 + TUCKER
			2005	BO		49 16.03	123 41.03		377	365				Turned pump off for position
			2011	EN		49 16.04	123 40.96		376					at upcast ~125-113m
20	NSTN	CTD	1541	BE	12	49 04.70	123 32.6		235		0029011.DAT		178	CTD abtains #15 r/l
				BO		49.4.72	123 32.5		230	215				LOOP SAMPLE #15
				EN		49 04.74	123 32.52		232					Salinity 22.376 T=13.73°
	</													

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