DAILY LOG

CRUISE NUMBER

2001-012

INSTITUTE OF OCEAN SCIENCES

OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE	25 March - 01 April
VESSEL	W.E. Ricker
PROJECT	Hake, Pollock, Herring, Chinook, coho stock assessment; SOG, JdF, WCVI + COPRA and La Pérouse plankton productivity stations

Captain: _____ **First Officer:** _____

Second Officer: _____ **Third Officer:** _____

Mission Participants / Agencies: IOS / PBS

Scientific Personnel: **Party Chief:** _____

Name	Watch	Cabin	Name	Watch	Cabin

Second leg of Mission: Party Chief: _____

Name	Watch	Cabin	Name	Watch	Cabin

Data logging computer: _____

Data acquisition program: _____

CTD deck unit make: _____ model: _____ serial number: _____

Primary CTD

Make: Seabird model: 911 serial number: _____ (PBS)

Primary temperature sensor serial number: _____ Calibration date: _____

Primary conductivity sensor serial number: _____ Calibration date: _____

Secondary temperature sensor serial number: _____ Calibration date: _____

Secondary conductivity sensor serial number: _____ Calibration date: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Secondary CTD

Make: _____ model: _____ serial number: _____

Primary temperature sensor serial number: _____ Calibration date: _____

Primary conductivity sensor serial number: _____ Calibration date: _____

Secondary temperature sensor serial number: _____ Calibration date: _____

Secondary conductivity sensor serial number: _____ Calibration date: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Comments: _____

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2001 **Month** 03 **Ship** Richter **Cruise I.D.** 2001-012

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
26	Bellingham	CTD	1546	BE	0001				275	265				
			1851	BO										
			1555	EN										
26	Fr. Creek	CTD	1750	BE	0002	49.3617	-124.3327		96	90				
			1752	BO		49.3619	-124.3326							
			1754	EN		49.3620	-124.3325							
26	CPF2	CTD	2029	BE	0003	49.4665	-124.5000		325	320				
			2036	BO		49 46.51	-124.5002							
			2041	EN		49.4645	-124.5003							
26	CPF2	NET	2050	BE	0004	49.4645	-124.5003		325	250				Bongo VNH (IOS)
		NET			0005	49 46 45	-124.5003							Bongo ONH
		NET			0006	49 46 45	-124.5003							Bongo ONH
26	Hornby	CTD	2352	BE	0007	49.5777	-124.6130		172	165				
			2356	BO		49.5776	-124.6130							
			2359	EN		49.5775	-124.6131							
27	NW Texada	CTD	0154	BE	0008	49.6344	-124.6442		89	82				
			0157	BO		49.6342	-124.6438							
			0159	EN		49.6341	-124.6436							

Cast type: BOT = ottle cast; CTD = CTD; MOR = mooring; ROS = Rosette; NET = net haul; DRF = drifter; USW = sea water loop

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Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2001 | Month 03 | Ship W.E. Ricker | Cruise I.D.

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
27	Halibut	CTD	1455	BE	0009	49.3105	-123.7125		250	245				
			1505	BO		49.3109	-123.7119							
			1509	EN		49.3112	-123.7117							
27	Halibut	CTD	18:07	DE	0010	49.3203	-123.4507		206	200				
			18:11	BO		49.3199	-123.4505							
			18:15	EN		49.3202	-123.4503							
27	CPF1	CTD	00:58	DE	0011	49.3677	-124.0833		242	235				
			0105	BO		49.3678	-124.0829							
			0110	EN		49.3680	-124.0826							
27	CPF1	NET		BE	0012				245	240				COPRA - PBS
27	CPF1	NET		BE	0013				245	50				- PBS
27	CPF1	NET	0154	BE	0014	49.3680	-124.0826		245	240				IOS Sample
28	Entrance	CTD	1803	BE	0015	49.2074	-123.7077		349	346				
			1816	BO		49.2076	-123.7063							9.3°C at bottom - warm
			1822	EN		49.2077	-123.7051							inversion
28	Active Pass	CTD	2256	BE	0016	48.9686	-123.4756		106	100				
			2300	BO		48.9687	-123.4758							
			2302	EN		48.9689	-123.4761							

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22-25.3 (23)
σ_t 23.670

T = 4-10 σ_T = 22-28
S = 25-35

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year Still 2001	Month March	Ship R.Baker	Cruise I.D. 2001-012

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
29	Mayne	CTD	0225	BE	0017	48.8538	-123.2111		113	108				Waited 2 min at surface
			0229	BO		48.8550	-123.2128							to clear tubing of fresh
			0231	EN		48.8552	-123.2133							H2O from syringe
														NO PUMPS! REDO
29	Mayne	CTD	0232	BE	0018	48.8556	-123.2140		112	103				← New Cast, same
			0236	BO		48.8560	-123.2145							Station
			0238	EN		48.8565	-123.2148							
29	Bonilla	CTD	1458	BE	0019	48.5584	-124.6929		88	82				
			1502	BO		48.5586	-124.6925							
			1504	EN		48.5588	-124.6921							
29	C1	CTD	2027	BE	0020	48.4807	-125.2551		149	145				COPRA
			2032	BO		48.4801	-125.2560							
			2035	EN		48.4802	-125.2562							
29	C1	NET	2051	BE	0021	48.4802	-125.2562		150	145				COPRA - Bongo

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Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2001 **Month** March **Ship** W.E. Ricker **Cruise I.D.** 2001-012

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
29	LCB2	CTD	2319	BE	0022	48.5752	-125.4983		110	105				JOS Plankton Stn
			2323	BO		48.5754	-125.4975							
			2325	EN		48.5753	-125.4970							
29	LCB2	NET	2338	BE	0023	48.5453	-125.4970		110	105				Bongo VNH
30	LCB4	CTD	0031	BE	0024	48.5330	-125.5900		76	70				JOS Plankton Stn
			0034	BO		48.5331	-125.5905							
			0036	EN		48.5331	-125.5906							
30	LCB4	NET	0048	BE	0025	48.5337	-125.5904		70	75				
30	Barkley	CTD	1459	BE	0026	48.9281	-125.6655		98	90				
			1503	BO		48.9283	-125.6654							
			1504	EN		48.9284	-125.6656							
30	LD04	CTD	1800	BE	0027	48.8864	-125.9493		57	55				Niskin at 5m for
			1803	BO		48.8868	-125.9493							phyto (18m CTD)
			1806	EN		48.8871	-125.9491							(end of mixed layer)

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Year 2001 **Month** March **Ship** W.E. Ricker **Cruise I.D.** 2001-012

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
30	LD04	NET	1822	BO	0028	48.8871	-125.9491		57	54				Jos Boys
31	Outermost station?	CTD	0214	BE	0029	48.7864	-126.1643		128	127				
			0218	BO		48.7867	-126.1637							
			0221	EN		48.7870	-126.1630							
31	LC05	CTD	0415	BE	0030	48.6663	-125.7910		61	57				No Boys due to
			0418	BO		48.6667	-125.7901							winch problems
			0419	EN		48.6667	-125.7895							
31	"J"-Buoy	CTD	1458	BE	0031	48.5362	-124.6928		156	152				
			1503	BO		48.5355	-124.6915							
			1505	EN		48.5353	-124.6908							
31	Sombrio	CTD	1953	BE	0032	48.4462	-124.3011		108	106				
			1957	BO		48.4476	-124.3015							
			1959	EN		48.4482	-124.3018							

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Year					Month			Ship				Cruise I.D.		
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
31	COR1	CTD	00:45	BE	0033	48.3288	123.8401		167	150				
			00:47	BO		48.3237	123.8396							
			00:51	EN		48.3238	123.8394							
01	OSD	CTD	13:41	BE		49.2800	123.7724		390	408				Ocean Station
			13:53	BO		49.2802	123.7736							"Dock", 4 PBS
			14:00	EN		49.2803	123.7745							Bongo tows

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