

DAILY LOG BOOK

MISSION
NUMBER

2003 - 13

DATE:

From: JUNE 8

to: JUNE 23

VESSEL:

W.E. RICKER

PROJECT:

Hi SEAS SALMON

INSTITUTE OF OCEAN SCIENCES
OCEAN SCIENCES AND PRODUCTIVITY DIVISION
SIDNEY, BC, CANADA

Captain: SID WEBB First Officer: ROGER WALTER
Second Officer: WILEY CONNER Third Officer: _____

Mission Participants / Agencies: PBS 105

[illegible][illegible]

Data logging computer:

Data acquisition program:

CTD deck unit make: SEABIRD model: 11 + serial number: 11818377-0471

Primary CTD

Make: SEABIRD model: 911+ serial number: 0506

Primary temperature serial number: _____

Primary conductivity serial number: 7424

Secondary temperature serial number: 2374

Secondary conductivity serial number: 2390

Transmissometer: **SEATECH** Model:

Fluorometer: Model SEA-PH7 Cable gain: 10x 0.15 s/n: 2778

Oxygen sensor: _____ Model: _____ s/n: _____
 Serial number: _____ Score sum: _____ s/n: _____

PAR sensor: _____ s/n: _____
Model: _____ s/n: _____

Other sensors: _____ s/n: _____
 _____ s/n: _____

Other sensors:	s/n:

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Secondary CTD

Make: _____ model: _____ serial number: _____

Primary temperature serial number: _____

Primary conductivity serial number:

Secondary temperature serial number:

Secondary conductivity serial number:

Transmissometer: _____

Fluorometer: Model		S/n:
	Model:	S/n:
Cable gain:		

Oxygen sensor: _____
 Model: _____
 s/n: _____

PAR sensor:	Model:	S/n
PAR sensor:	Model:	S/n

Other sensors:	Product:	S/n

Other sensors:	s/n:
Other sensors:	s/n:

Other sensors:	s/n:
Other sensors:	s/n:

Other sensors: s/n: _____

CTD calibration bottle location (height above CTD in metres):

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Day	Station Name	Time (UTC)	Cast type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keeper	Trans. cleaned	Comments
						Latitude	Longitude							
9	EP 01	1404	CTD	BE	001	49 21 16	126 31 67	34			1			CTD = NISKIN @ 10m
		1405		BO		49 21 17	126 31 71		25					FOR SAL/CHL/NUIS
		1406		EN		49 21 18	126 31 72							
		1409	NET	BE	002	49 21 21	126 31 71		25					BONGO
		1426	TRAWL	BE	003	49 20 77	126 32 70							
9	EP 02	1809	CTD	BE	004	49 19 01	126 36 27	83			1			CTD - BOT @ 10m
		1811		BO		49 19 02	126 36 32		75					SAL/CHL/NUIS
		1814		EN		49 19 02	126 36 34							
		1818	NET	BE	005	49 19 03	126 36 41		70					BONGO
		1830	TRAWL	BE	006	49 18 53	126 37 90							
	EP 03	1932	CTD	BE	007	49 16 75	126 40 94	111						CTD = BOT @ 10m
		1934		BO		49 16 73	126 40 96		105		1			FOR SAL/CHL/NUIS
		1937		EN		49 16 72	126 40 98							
		1942	NET	BE	008	49 16 70	126 41 03		105					BONGO
		1958	TRAWL	BE	009	49 16 15	126 42 19							

Cast type:
 BOT = bottle cast, no CTD
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USW = sea water loop
 MOR = mooring
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 DRF = drifter

bottle firing method:
 US = up / stop
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Time Code
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Transmissometer to be cleaned for each cast, do not use Ammonia products

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						Latitude	Longitude								
9	EP 04	2100	CTD	BE	010	49 14 72	126 45 46	120			1			CTD & BOT @ 10m	
		2102		BO		49 14 72	126 45 50		110					FOR SAL/CHL/NUTS	
		2104		EN		49 14 72	126 45 55								
		2108	NET	BE	011	49 14 73	126 45 57		110					BONGO	
		2125	TRAWL	BE	012	49 14 09	126 46 59							TRAWL	
9	EP 05	2227	CTD	BE	013	49 12 25	126 49 31	143			1			CTD & BOT @ 10m	
		2229		BO		49 12 23	126 49 35		135					FOR SAL/CHL/NUTS	
		2232		EN		49 12 21	126 49 36								
		2237	NET	BE	014	49 12 20	126 49 40		130					BONGO	
		2254	TRAWL	BE	015	49 11 34	126 50 36							TRAWL	
9	EP 06	2352	CTD	BE	016	49 10 10	126 54 60	191			1			CTD & BOTTLE @ 10m	
		2356		BO		49 10 05	126 54 61		180					FOR SAL/CHL/NUTS	
		2359		EN		49 10 02	126 54 62								
10		0004	NET	BE	017	49 10 01	126 54 65		150					BONGO	
		0022	TRAWL	BE	018	49 09 39	126 56 10							TRAWL	

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						Latitude	Longitude							
10	EP 07	0126	CTD	BE	019	49 08 22	126 59 20	454			1			CTD E BOTTLE @ 10m
		0131		BO		49 08 15	126 59 20		250					FOR SAL/CHL/NUIS
		0138		EN		49 08 12	126 59 24							
		0143	NET	BE	020	49 08 12	126 59 39		150					BONGO
		0200	TRAWL	BE	021	49 07 66	127 00 31							TRAWL
10	EP 08	1407	CTD	BE	022	49 02 12	127 10 22	1547			1			CTD E BOTTLE @ 10m
		1412		BO	022	49 02 13	127 10 31		250					FOR SAL/CHL/NUIS
		1419		EN	022	49 02 09	127 10 38							
		1423	NET	BE	023	49 02 06	127 10 40		150					BONGO
			TRAWL	BE	024									TRAWL
10	EP 09	1631	CTD	BE	025	48 53 89	127 25 69	2037			1			CTD E BOTTLE @ 10m
		1636		BO		48 53 87	127 25 76		250					FOR SAL/CHL/NUIS
		1643		EN		48 53 84	127 25 80							
		1647	NET	BE	026	48 53 79	127 25 79		150					BONGO
			TRAWL	BE	027									TRAWL

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						Latitude	Longitude							
10	EP 10	1853	CTD	BE	028	48 45 89	127 40 95	2000			1			CTD & BOTTLE @ 10m
		1858		BO		48 45 81	127 40 97		250					FOR SAL/NUTS/CHL
		1903		EN		48 45 75	127 41 00							
		1909	NET	BE	029	48 45 76	127 41 09		150					BONGO
		1926	TRAWL	BE	030	48 45 63	127 42 33							TRAWL
16	EP 11	2121	CTD	BE	031	48 37.60	127 56 97	>2000			1			CTD & BOT @ 10m FOR
		2126		BO		48 37 57	127 57 06		250					SAL/CHL/NUTS
		2131		EN		48 37 57	127 57 20							
		2138	NET	BE	032	48 37 59	127 57 37		150					BONGO
		2153	TRAWL	BE	033	48 37 52	127 58 80							TRAWL
10	EP 12	2346	CTD	BE	034	48 29 49	128 12 29	>2000			1			CTD & BOTTLE @ 10m
		2352		BO		48 29 43	128 12 29		250					FOR SAL/CHL/NUTS
* 11		0001		EN		48 29 33	128 12 28						*	DEEP SAL - 250m
		0005	NET	BE	035	48 29 30	128 12 31		150					BONGO
		0022	TRAWL	BE	036	48 29 08	128 13 43							TRAWL
*	CHANGING FLUOROMETER CABLE - STILL 10 X 15 UG - NOISE AT DEPTH													

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— END OF DAY —

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						Latitude	Longitude							
11	1VI 01	1356	CTD	BE	037	50 03 77	127 15 61	160			1		✓	CTD BOTTLE @ 10m
		1359		BO		50 03 91	127 15 55		150					FOR SAL/CHL/NUIS
		1403		EN		50 03 95	127 15 44							
		1407	NET	BE	038	50 04 06	127 15 03		150					BONGO
		1421	TRAWL	BE	039	50 04 55	127 15 16							TRAWL
11	1VI 02	1529	CTD	BE	040	50 05 09	127 10 26	205			1			CTD BOTTLE @ 10m
		1533		BO		50 05 09	127 10 25		190					FOR SAL/CHL/NUIS
		1537		EN		50 05 14	127 10 24							T: S:
		1543	NET	BE	041	50 05 14	127 10 30							BONGO
		1557	TRAWL	BE	042	50 05 56	127 11 19							TRAWL
11	1VI 03	1711	CTD	BE	043	50 00 36	127 10 91	169			1			CTD BOTTLE @ 10m
		1714		BO		50 00 35	127 10 95		160					FOR SAL/CHL/NUIS
		1718		EN		50 00 35	127 10 93							T: 11.47 S: 31.35
		1722	NET	BE	044	50 00 37	127 10 91							BONGO
		1743	TRAWL	BE	045	50 00 17	127 11 63							TRAWL

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						Latitude	Longitude								
11	141 64	1814	CTD	BE	046	49 59 62	127 13 61	175			1			CTD E BOTTLE @ 10m	
		1818		BO		49 59 67	127 13 55		166					FOR SAL/CHL/NUTS	
		1822		EN		49 59 67	127 13 52							T: 10.24 S: 31.82	
		1847	NET	BE	047	49 59.53	127 13.88		150						
		1904	TRAWL	BE	048	49 59 21	127 14 34								
11	141 01	1947	CTD	BE	049	49 57 34	127 16 58	110			1			CTD E BOTTLE @ 10m	
		1949		BO		49 57 32	127 16 57		100					FOR SAL/CHL/NUTS	
		1951		EN		49 57 31	127 16 55							T: 10.09 S: 31.88	
		1955	NET	BE	050	49 57 26	127 16 56		90					BONGO	
		2005	TRAWL	DE	051	49 56 30	127 17 67							TRAWL	
11	141 02	2054	CTD	BE	052	49 55 36	127 18 32	58			1			CTD E BOT @ 10m	
		2055		BO		49 55 36	127 18 33		50					FOR SAL/CHL/NUTS	
		2057		EN		49 55 36	127 18 33							T: 10.18 S: 32.02	
		2100	NET	BE	053	49 55 35	127 18 34								
		2110	TRAWL	DE	054	49 55 02	127 20 16								

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11	VI 03	2215	CTD	BE	055	49 53 95	127 21 75	63			1			CTD E BOTTLE @ 10 m	
		2217		BO		49 53 95	127 21 74		55					FOR SAL/CHL/NUTS	
		2218		EN		49 53 96	127 21 72							T: 10.12 S: 32.19	
		2222	NET	BE	056	49 53 95	127 21 56		55					BONGO	
		2233	TRAWL	BE	057	49 53 58	127 21 57							TRAWL	
11	VI 04	2338	CTD	BE	058	49 50 51	127 27 81	75			1			CTD E BOTTLE @ 10 m	
		2340		BO		49 50 52	127 27 79		75					FOR SAL/CHL/NUTS	
		2341		EN		49 50 52	127 27 79							T: 10.09 S: 32.16	
		2345	NET	BE	059	49 50 51	127 27 81		65					BONGO	
		2354	TRAWL	BE	060	49 50 00	127 28 88							TRAWL	
12	VI 05	0058	CTD	BE	061	49 46 92	127 33 54	120			1			CTD E BOTTLE @ 10 m	
		0100		BO		49 46 89	127 33 47		116					FOR SAL/CHL/NUTS	
		0103		EN		49 46 89	127 33 41							T: 10.05 S: 32.18	
		0106	NET	BE	062	49 46 88	127 33 33		110					BONGO	
		0120	TRAWL	BE	063	49 46 11	127 33 41							TRAWL	

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