

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2008-15

DATE:

From: Nov 11 / 08

to:

Nov 13 / 08

VESSEL:

W.E. Ricker

PROJECT(S):

High Seas Salmon - Trudel

2 of 2

Water Properties Group
Fisheries and Oceans Canada
Institute of Ocean Sciences
Ocean Sciences Division
Sidney, BC, Canada

WaterProperties.ca

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month Nov				Year 2008				Ship R. L. K. K.				Cruise ID 2008-15			
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
11	IVE 18	1959	BE	CTD		442	50° 34.9110	127° 28.6460	70			1	WE		T = 9.80, S = 28.52
		2000	BO				50° 34.9052	127° 28.6127		60		↓	↓		
		2003	EN				50° 34.9035	127° 28.5924							
		2005	BE	NET		443	50° 34.9026	127° 28.5778		60					
		20 23	BE	trawl		444	50 34.904	127 29 549							
11	IVE 19	2137	BE	CTD		445	50° 35.3590	127° 40.6048	108						T = 9.18, S = 18.06
		2139	BO				50° 35.3634	127° 40.6094		100					
		2142	EN				50° 35.3644	127° 40.6046							
		2144	BE	NET		446	50° 35.3634	127° 40.6014		98					
		22 03	BE	trawl		447	50 35.422	127 41 743							
12	IVE 20	1356	BE	CTD		448	50° 23.6950	127° 28.9705	196						T = 10.01, S = 27.9
		1359	BO				50° 23.7000	127° 28.9426		80					
		1402	EN				50° 23.7172	127° 28.9055							
		1408	BE	NET		449	50° 23.7254	127° 28.9452		78					
		14 40	BE	trawl		450	50 24 359	127 29 476							

Cast Type:

BOT = Bottle cast, no CTD
CTD = CTD without Rosette
ROS = Rosette plus CTD
SET = Fish Set

USW = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop
UN = Up / No stop
DN = Down / No stop

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast
DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

Transmissometer to be cleaned before each cast, do not use Ammonia products

Notes:

Produced by the Water Properties Group, IOS

WaterProperties.ca
Version: 06 March 2008

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month Nov				Year 2008			Ship R/V R/V				Cruise ID 2008-15				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
17	IVIZ1	1524	BE	CTD		451	50°27.0120	127°31.5300	188			1	WE		T = 9.90, S = 27.96
		1528	BO				50°27.0187	127°31.5389		170		↓	↓		
			EN												on way back up -
			BE	NET		452	50°27.0312	127°31.5834		150					lost communication with CTD - (at 80m)
		1554	BE	trawl		453	50 27.72	127 32.465							alarms on deck box
18	IVIZ2	1645	BE	CTD		454	50°30.3557	127°35.8150	136						running a test while on deck
		1648	BO				50°30.3150	127°35.8359		110					2008-15-test →
			EN												T = 9.81, S = 28.06
			BE	NET		455									* Same happened again on way up?
		1715	BE	trawl		456	50 30.004	127 35 050							modular error count is zero
	* Doing test CTD cont to see if our fix of cable worked. 148 m, going to 130m => 2008-15-test2														
							50°30.3450,	127°35.7365							
18	VIOS	2115	BE	CTD		457	50°26.5822	127°57.0169	100						running back up
		2119	BO				50°26.5371	127°57.0196		80					CTD
		2122	EN				50°26.5144	127°56.9942							
			BE	Net		458	50°26.5097	127°56.9744		95					
		2146	BE	TRAWL		459	50 26.817	127 57.233							

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Transmissometer to be cleaned before each cast, do not use Ammonia products

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Notes:

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got unit started on deck and
cleaned terminals, will see
what happens on next cast
modular error count was 9

No bottle sample for
this cast

this seems to happen when the CTD
is at 100 m - CABLE PROBLEM?

- Moved wire to other side of shackle on
CTD unit and tightened the locking sleeve
on drum connection.

did get a bottle sample

→ Doing another test cast to 50 m to see if this happen again.

142 m , 50° 30.3942 , 127° 35.8422

2008-15-test 3

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Month Nov				Year 2008			Ship R/V R/V				Cruise ID 2008-15				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
12	VI06	2256	BE	CTD		460	50° 24.1330	128° 06.1206	75			1	WE		
		2257	BO				50° 24.1427	128° 06.1327		50		↓	↓		
		2259	EN				50° 24.1670	128° 06.1588							
		2303	BE	CTD			50° 24.175	128° 06.177							
		2315	BE	trawl		461	50° 24.275	128° 07.149							
13		0426	fast cast	4			chart reterminated CTD - 15 m cast 50° 26.9160, 128° 01.8386								
							didn't even work in water on deck - Cast aborted								
13	T05	1531	BE	CTD		462	50° 59.9511	128° 52.0072	60						
		1533	BO				50° 59.9702	128° 52.1340		50					
		1536	EN				50° 59.9852	128° 52.1575							
		1550	BE	trawl		463	50° 59.699	128° 51.010							
3	T04	1758	BE	CTD		464	51° 04.6556	128° 43.6467	62						
		1800	BO				51° 04.6172	128° 43.6432		50					
		1803	EN				51° 04.6261	128° 43.6620							
		1807	BE	NET		465	51° 04.6722	128° 43.5158		53					
		1827	BE			466	51° 04.800	128° 41.696							

NO BONGO
Too Rough

NO BONGO, 3-Hrs
SWEATH, NW 30
Tow aborted for
SAR Mission

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Month Nov				Year 2008			Ship R. L. B. L.				Cruise ID 2008-15				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
13	T03	1925	BE	CTD		467	51°08.2635	128°35.9316	135						
		1929	BO				51°08.2638	128°35.9198		120					
		1932	EN				51°08.2966	128°35.8879							
		1935	BE	NET		468	51°08.3254	128°35.7737		127					
				trawl		469									
13	T02	2057	BE	CTD		470	51°12.4326	128°27.8834	177						
		2101	BO				51°12.3807	128°27.8989		160					
		2107	EN				51°12.3381	128°27.8679							
		2108	BE	NET		471	51°12.3067	128°27.8659		150					
				trawl		472									
13	T01	2237	BE	CTD		473	51°16.7622	128°20.0296	74						
		2239	BO				51°16.7520	128°20.0509		60					
		2241	EN				51°16.7442	128°20.0887							
		2243	BE	NET		474	51°16.7359	128°20.1230		66					
				trawl		475									

This page is for any notes or observations

No data on last

7 casts