

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2011-12
2012-36

DATE:

VESSEL:

PROJECT(S):

From:

to:

Haida Joye / Sea Veyor

Kyuquot

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

WaterProperties.ca

Captain: Richard Lee
Second Officer: _____
Fishing Master: _____
First Officer: _____
Third Officer: _____

Mission Participants / Agencies: Steve Cross / Mike Foreman

Scientific Personnel:

Name	Watch	Cabin	Name	Watch	Cabin
Chief Scientist:			Darren Tuole		

Brett Kelly WVIC
Steve Cross WVIC

[illegible]

Data logging computer: Dell 2563
Data acquisition program: —
CTD deck unit make: — model: — serial number: —

Primary CTD

Make: Seabird model: SBE 19 serial number: 1294

Primary temperature serial number: 1294

Primary conductivity serial number: 1294

Secondary temperature serial number: 1614

Secondary conductivity serial number:

Transmissometer:	Model:	s/n:	
Fluorometer: Model	Cable gain:	s/n:	
Oxygen sensor:	Model:	s/n:	P, S or NO pump?
PAR sensor:	Model:	s/n:	P, S or NO pump?
Other sensors:		s/n:	P, S or NO pump?
Other sensors:		s/n:	P, S or NO pump?
Other sensors:		s/n:	P, S or NO pump?
Other sensors:		s/n:	P, S or NO pump?

Secondary CTD

Make: _____ model: _____ serial number: _____

Primary temperature serial number: _____

Primary conductivity serial number:

Secondary temperature serial number:

Secondary conductivity serial number:

Transmissometer:	Model:	s/n:	
Fluorometer: Model	Cable gain:	s/n:	
Oxygen sensor:	Model:	s/n:	P, S or NO pump?
PAR sensor:	Model:	s/n:	P, S or NO pump?
Other sensors:		s/n:	P, S or NO pump?
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CTD calibration bottle location (height above CTD in metres):

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month <u>June</u>		Year <u>2012</u>		Ship				Cruise ID <u>2012-36</u>							
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							
7	H ₀ H ₀ 1	1640	BE	CTD		2	50 02 241	127 14 976	800'	200					
			EN				50 02 881	127 15 148		200					
8	FARM														
	KASA	0919	BE	CTD		3	50 11.101	127 18.425	100'						Weather STN
			BO				50 11.113	127 18.431							
	KASB	0932	BE	CTD		4	50°10.037	127°18.395	200 Ft						
			BO	CTD			50°10.002	127°18.400	200 Ft						
	KASC	0956	BE	CTD		5	50°08.875	127°18.136	31 m						
			BO	CTD			50°08.881	127°18.141	29 m						
	KAS1	1011	BE	CTD		6	50°08.986	127°17.694	66 m						
			BO	CTD			50°08.979	127°17.680	29 m						
	KASD	1023	BE	CTD		7	50°09.029	127°17.402	25 m						
			BO	CTD			50°09.029	127°17.402	23.8 m						
	KASE	1038	BE	CTD		8	50°08.035	127°16.619	90.0 m						
			BO	CTD			50°08.037	127°16.604	90.0 m						
	KAS2	1054	BE	CTD		9	50°07.199	127°15.133	104 m						
			BO	CTD			50°07.171	127°15.115	104 m						
	KAS3	1116	BE	CTD		10	50°06.150	127°16.031	37 m						
			BO	CTD			50°06.154	127°16.032	32 m						

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

Notes: _____

Time Code:
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DE = Deployment Time
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Transmissometer to be cleaned before each cast, do not use Ammonia products

June 7 2012 - SBE-25 # 0334

This page is for any notes or observations

- Sounder to meters

- Slip Capstan

- 1501 Christine IS 50 06 033 127 08 328 weather STN

- Ho Ho 1 CTD 1630 start 50 02 241 127 14 976
1648 stop 50 02 881 127 15 148

June 8

Fan Weather STN
0840

50° 05408 127.27153

50° 03.245 127° 16.292

CTD clock seems out 1 day & 1 hr

06/08/2012 15:41:02 = 06/07/2012 16:41:02
CTD Time actual time

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Page _____ of _____

Month <u>June</u>			Year <u>2012</u>			Ship				Cruise ID					
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							Latitude	Longitude							
8	VI13	1131	BE	CTD		11	50°05.996	127°15.055	125m						* See note →
			BO	CTD			50°06.029	127°15.069	127m						
	VI13	1140	BE	CTD		11	50°06.061	127°15.076	126m						Calibration Bottle in
			BO	CTD			50°06.128	127°15.076	125m						
	KAS4	1156	BE	CTD		12	50°05.774	127°14.400	111m						
			BO	CTD			50°05.873	127°14.380	83.6m						
	KAS5	1210	BE	CTD		13	50°05.440	127°12.773	40.7m						
			BO	CTD			50°05.460	127°12.739	42.9m						
	KAS6	1230	BE	CTD		14	50°05.210	127°11.583	93m						
			BO	CTD			50°05.225	127°11.556	85m						
	TAHH 2	1242	BE	CTD		15	50°05.137	127°10.241	217m						
			BO	CTD			50°05.181	127°10.210	217m						
	CI1	1301	BE	CTD		16	50°05.868	127°08.027	148m						
			BO	CTD			50°05.942	127°07.919	151m						
	CI2	1310	BE	CTD		17	50°06.383	127°05.836	128m						
			BO	CTD			50°06.397	127°05.761	110m						
	CI3	1330	BE	CTD		18	50°06.719	127°06.315	166m						
			BO	CTD			50°06.764	127°06.202	161m						

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Produced by the Water Properties Group, IOS

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Version: 06 March 2008

UI B - CTD cast twice as calibration bottle did not trip
2 casts Same file name

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Day	Station Name	Time (Local 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								
<i>8</i>	<i>CI4</i>	<i>1347</i>	<i>BE</i>	<i>CTD</i>		<i>19</i>	<i>50°06.987</i>	<i>127°06.476</i>	<i>72m</i>							
			<i>BO</i>	<i>CTD</i>			<i>50°06.999</i>	<i>127°06.435</i>	<i>81m</i>							
	<i>TAHH1</i>	<i>1357</i>	<i>BE</i>	<i>CTD</i>		<i>20</i>	<i>50°08.019</i>	<i>127°05.617</i>	<i>107m</i>							
			<i>BO</i>	<i>CTD</i>			<i>50°08.095</i>	<i>127°05.615</i>	<i>101m</i>							
	<i>TR1</i>	<i>1416</i>	<i>BO</i>	<i>CTD</i>		<i>21</i>	<i>50°08.726</i>	<i>127°05.783</i>	<i>30m</i>							
<i>9</i>	<i>KC4</i>	<i>0710</i>	<i>BE</i>	<i>CTD</i>		<i>22</i>	<i>49°58.560</i>	<i>127°15.634</i>	<i>148m</i>							
			<i>BO</i>	<i>CTD</i>			<i>49°58.544</i>	<i>127°15.047</i>								
	<i>KC3</i>	<i>0720</i>	<i>BE</i>	<i>CTD</i>		<i>23</i>	<i>49°59.222</i>	<i>127°13.460</i>	<i>163m</i>						<i>Calibration Bottle in</i>	
		<i>0737</i>	<i>BO</i>	<i>CTD</i>			<i>49°59.164</i>	<i>127°13.540</i>	<i>156m</i>							
	<i>KC2</i>	<i>0741</i>	<i>BE</i>	<i>CTD</i>		<i>24</i>	<i>49°59.446</i>	<i>127°13.928</i>	<i>164m</i>							
		<i>0746</i>	<i>BO</i>	<i>CTD</i>			<i>49°59.405</i>	<i>127°13.995</i>	<i>166m</i>							
	<i>KC1</i>	<i>0755</i>	<i>BE</i>	<i>CTD</i>		<i>25</i>	<i>49°59.888</i>	<i>127°14.671</i>	<i>120m</i>							
		<i>0800</i>	<i>BO</i>	<i>CTD</i>			<i>49°59.882</i>	<i>127°14.683</i>	<i>116m</i>							
	<i>AM1</i>	<i>0823</i>	<i>BE</i>	<i>CTD</i>		<i>26</i>	<i>50°01.698</i>	<i>127°05.055</i>	<i>37.3m</i>							
			<i>BO</i>	<i>CTD</i>			<i>50°01.713</i>	<i>127°05.059</i>	<i>38.5m</i>							
	<i>AM2</i>	<i>0848</i>	<i>BE</i>	<i>CTD</i>		<i>27</i>	<i>50°01.523</i>	<i>127°08.937</i>	<i>103m</i>							
		<i>0856</i>	<i>BO</i>	<i>CTD</i>			<i>50°01.527</i>	<i>127°08.947</i>	<i>97.3m</i>							
	<i>AM3</i>	<i>0900</i>	<i>BE</i>	<i>CTD</i>		<i>28</i>	<i>50°00.623</i>	<i>127°10.060</i>	<i>114m</i>							
		<i>0905</i>	<i>BO</i>	<i>CTD</i>			<i>50°00.633</i>	<i>127°10.063</i>								
Cast Type: USW = Sea Water Loop Bottle Firing Method: Time Code:																

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