

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2009-51

2009-53 (DFO)

[2009003 (PFC)]

DATE:

From: July 15, 2009

to: July 22, 2009

VESSEL:

CCFS Vector

PROJECT(S):

Paleoclimate/paleoecismix

mid-coast B.C.

(NSERC, NRCAN, DFO)
Croyal Roads)

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

July 22, 2009 - July 24, 2009
Strait of Georgia -
Ambient Monitoring Program

WaterProperties.ca

Captain: Steve Kennedy
 Second Officer: _____
 Fishing Master: _____
 First Officer: _____
 Third Officer: _____

Mission Participants / Agencies: NSFEC(Pora/Lead), NRCan(PCC) DFC

Scientific Personnel:		Chief Scientist:	
Name	Watch	Name	Watch
John J. ...	01-00	Audrey Dallimore (pre)	Cabin

Kevin Hollands NRCAN
Randy Farkin NRCAN
Craig Macdonald NRCAN
Dade Spear DFO
Simon Malloy WCC
Danielle Giguere RRA
Richard ~~Macdonald~~ Océanide

Second leg of Mission:

Name	Watch	Cabin	Name	Watch	Cabin
			Sophie Johannesen		

David Spear
Cindy Wright
Dorothy Tuck
Mary O'Brien
Pamela Ding

Data logging computer:

Data acquisition program: _____

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

Les / Primary CTD

Make: SBE model: 9 serial number: 0585

Primary temperature serial number: _____

Primary conductivity serial number:

Secondary temperature serial number: _____

Secondary conductivity serial number:

Transmissometer: _____ Model: _____

Fluorometer: Model _____ S/n: _____
Cable gain: _____
P S or NO numm?

Oxygen sensor: _____
 Cyclic gam.: _____
 Model: _____
 s/n: _____
 s/n: _____
 I, S or NO pump? _____
 P S or NO pump? _____

Only gas sensor: _____ Model: _____ s/n: _____
 PAR sensor: _____ Model: _____ s/n: _____
 F, S or NO pump: _____

Other sensors: _____ S/n: _____
 Model: _____ p S or NO number?

Other sensors: _____ S/n: _____ P, S or NO pump: _____
Other sensors: _____ S/n: _____ P, S or NO pump: _____

Other sensors: _____ s/n: _____ F, S or NO pump? _____
Other sensors: _____ s/n: _____ P, S or NO pump? _____

Other sensors: _____ S/n: _____ P, S of NO pump: _____
 Other sensors: _____ S/n: _____ P, S or NO number? _____

Le2 Secondary CTD

lary CTD
Make: SB E model: 9
serial number: 04473

Primary temperature serial number: _____

Primary conductivity serial number:

Secondary temperature serial number:

Secondary conductivity serial number:

Transmissometer: _____
Model: _____
s/n: _____

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

Oxygen sensor: _____ s/n: _____
 Model: _____ s/n: _____
 Cable gail. _____ s/n: _____
 Macrometer, Model _____ s/n: _____

any gas sensor:	Model:	s/n
PAR sensor:	Model:	s/n

Other sensors: _____ S/n _____

Other sensors:	S/m
Other sensors:	c/m

Other sensors: _____ S/n: _____

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

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

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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[illegible]

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

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

Produced by the Water Properties Group, IOS

WaterProperties.ca
Version: 06 March 2008

SOGN-D Recovery

23/07/2009

This page is for any notes or observations

On Station 934 PDT

Sant B539 499 500 501

0936 B540 Range 507
0937 On Surface
10:07 On Board

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The bottom sediment trap was deployed right-side up rather than up-side-down as intended

Both RCM4s had been attached to the vanes without using the orientation pin. The direction data will require a direction offset. Photos have been taken. RCM4 # 7463 was on vane 430 and 8819 was on vane 401 as recorded in the deployment log

The Large shackle to the acoustic release had no cotter pin.

RCM4 # 7463 was rotated 16.5 cm counter-clockwise from the orientation pin (measured on outside of pressure case)
8819 was rotated 16.6 cm clockwise

given a pressure case diameter of 12.9 cm, these angles are

146.6° counter-clockwise for 7463

147.5° clockwise for 8819