

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2009-60

DATE:

From: October 31 2009

to:

VESSEL:

Vector

PROJECT(S):

2009-60

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

WaterProperties.ca

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

Mission Participants / Agencies:

Scientific Personnel:

[illegible]

Second leg of Mission:

[illegible]

Data logging computer:

Data acquisition program: _____
 CTD deck unit make: SBE model: 11 serial number: _____

Primary CTD

Make: SBE model: 9 serial number: 0550

Primary temperature serial number: 4883

Primary conductivity serial number: 1763

Secondary temperature serial number: 2095

Secondary conductivity serial number: 2754

Transmissometer: WET LAB Model: _____

Fluorometer: Model SEAPOINT Cable gain: 3X s/n: 1000 **P. S or NO pump?**

Oxygen sensor: SBE Serial: 25 S or NO pump: 1
 Model: 43 s/n: 1119 P S or NO pump? P

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

Other sensors: PH SBE18 s/n: 0692 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:
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Fluorometer: Model	Cable gain:
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Oxygen sensor: _____
 Model: _____

PAR sensor:	Model:
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Other sensors:

Other sensors:

Other sensors:

Other sensors:

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

This page is for any notes or observations

SOGS-E Mooring Recovery Oct. 31, 2009

06105 PBT

On Station

Range - B529

294 296

Backoff

1612

Range B529

317, 318

Rebas B530

323

B-5

-10

250

200

175

150

125

100

75

50

30

20

10

0

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month <u>Oct</u>		Year <u>2009</u>				Ship <u>Vector</u>				Cruise ID <u>2009-60</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							
01	SOG-S	0052	BE	ROS		1	49 01.676	123 25.447	308		1-14			✓	
		0102	BO				49 01.567	123 25.415		304		14			
		0125	EN				49 01.409	123 25.376							
01	SOG-S	0150	BO	SED		2	49 01.184	123 25.084	308						Sed. Grab
01	SED. 2	0545	BO	SED		3	49 22.635	124 09 907	352						Sed. Grab missed
01	Sed. 2	0608	BO	SED			49 22.595	124 09 .996	370						Sed Grab -Good
01	SOG-N	1507	BE	ROS		4	49 50 120	124 51 814	335		15-28	14			
		1518	BO				49 50 180	124 51 779		329					
		1541	EN				49 50 330	124 51 858							
01	SED 3	1815	BO	SED		5	49 50.280	124 52.574	338	360					Sed. Grab
01	SED 4	1842	BO	SED		6	49 49.672	124 53.219	291	311					Sed. Grab
01	SED 5	1854	BO	SED		7	49 49 447	124 53 515	243	259					Sed. Grab
01	Sed 6	1908	BO	SED		8	49 49.237	124 53 830	198	213					Sed. Grab
01	Sed 7	1925	BO	SED		9	49 48.529	124 54.706	150	163					Sed Grab
01	Sed 8	2028	BO	SED		10	49 47 965	124 55.443	105	117					Sed Grab
01	Sed 9	2105	BO	SED		11	49 47 050	124 56 669	52	58					Sed Grab
02	Sed 10	0319	BO	SED		12	49 43 860	124 22 155	330	357					Sed Grab

Oct 1 2009

0700 - Rig for CTD - 335m SOG-N

SOGN-E Mooring Recovery

0838 - On Station PST

- B539 - 328 323

- Move off to release

0845 - B540 - Release 530 528

0846 - On Surface

