DAILY LOG BOOK

MISSION NUMBER

2005-1420

DATE: From: June 10, 2005 to: June 12, 2005

VESSEL: CCGS VECTOR

PROJECT: Strait of Georgia Pollution Transport

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

Captain: Brian Pond First Officer: Roger
Second Officer: Paul Third Officer:

Mission Participants / Agencies: DFO/EC

Scientific Personnel: Party Chief:

Name	Watch	Cabin	Name	Watch	Cabin

Second leg of Mission: Party Chief:

Name	Watch	Cabin	Name	Watch	Cabin
NEIL DANGERFIELD					
PETER ROSS					

Data logging computer: ~~PAN~~ PAC02392
Data acquisition program: Seasave
CTD deck unit make: Seabird model: 11 serial number: 0424

Primary CTD
Make: Seabird model: 911 serial number: 0585
Primary temperature serial number: 2968
Primary conductivity serial number: 2173
Secondary temperature serial number: 2710
Secondary conductivity serial number: 2424
Transmissometer: Model: Seatech s/n: 3330R
Fluorometer: Model Seapoint Cable gain: 10x 0-5 s/n: 2229 **P, S or NO pump?**
Oxygen sensor: SBE 43 Model: s/n: 0766 **P, S or NO pump?**
PAR sensor: Model: Licor s/n: 4656
Other sensors: Altimeter s/n: 1024 **P, S or NO pump?**
Other sensors: SPAR - surface irradiance s/n: 16504 **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: **P, S or NO pump?**
Oxygen sensor: Model: s/n: **P, S or NO pump?**
PAR sensor: Model: s/n:
Other sensors: s/n: **P, S or NO pump?**
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CTD calibration bottle location (height above CTD in metres): N/A

Rosette Setup:
Number of bottles: _____
Manufacturer: _____ (Ocean Test Equip., General Oceanics, IOS)
Volume of bottles (litres): _____

Winches:
1. Make: Swann model: 329 serial #: 1233 used for: all casts
2. Make: _____ model: _____ serial #: _____ used for: _____
3. Make: _____ model: _____ serial #: _____ used for: _____
4. Make: _____ model: _____ serial #: _____ used for: _____
5. Make: _____ model: _____ serial #: _____ used for: _____
6. Make: _____ model: _____ serial #: _____ used for: _____
7. Make: _____ model: _____ serial #: _____ used for: _____

Comments: _____

Salinometer: make: _____ model: _____ serial number: _____
Comments: _____

Thermosalinograph System:
Program: _____ Version: _____
Sampling interval (seconds): _____
Fluorometer sensor serial number: _____
Comments: _____

ADCP Setup:
Computer time zone: _____
Sampling interval (sec): _____
Bin Length: (2^x): _____
Pulse Length: _____
Buffer (bytes): _____
Gyro Offset: _____
User Exits: Name: _____ Exit points: _____
Name: _____ Exit points: _____
Name: _____ Exit points: _____
Work File: _____
Comments: _____

Comments:

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month June **Year** 2005 **Ship** Vector **Cruise ID** 2005-445 20

Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position Latitude	Position Longitude	Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
11	RS01	1409	BE				48 35.340	122 46.675	63					✓	
11	RS01	1424	BE				48°35.416	122°46.430	66					✓	
11	RS01	2010	BE				48°35.442	122 46.679						✓	14B004
12	BP01	1456	BE				48°43 355	123 15.824	188					✓	2005-14-0005.dat
12	BP02	1639	BE				48°43.920	123° 15.871	98					✓ @ poor	→ @anchor 2005-14-0006.dat
12	BP02	1642	BE				48 43.918	123° 15°.871	93					✓@ anchor	2005-14-0007.dat (CERT
12	BP02	0202	BE				48° 43.926	123° 15.869	92					✓	2005-14-0008.dat
12	BP02	0247	BE				48° 43.381 [.363]	123° 15.770 [.732] ← up	down: 187					✓	2005-14-0009.dat (160m (stopped at alt. 15m)
12	BP02	0310	BE				48° 43.346 [.394]	123° 15.694 [.756] ← up.	185					—	2005-14-0009B.dat (stop@alt 15m)

Cast type:
BOT = bottle cast, no CTD
CTD = CTD without Rosette
ROS = Rosette plus CTD
USW = sea water loop
MOR = mooring
NET = 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 for each cast, do not use Ammonia products

SBE 25 V.4.1a SN: 334 2005-206

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month September **Year** 2005 **Ship** Vector **Cruise ID** 2005-~~20~~ 35-

Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position Latitude	Position Longitude	Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
9	JS001	19.56 ~~1310~~	BE	CTD			50°27.823 N	126°01.461 W	239	210					Datafile: JS2005 20A
10	JS001	20.19	BE	CTD			50°27.802 N	126°02.914 W	262	210					JS 2005 20B

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2005-30 C

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Month Sept **Year** 2005 **Ship** Vector **Cruise ID** 2005-36

Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments
							Latitude	Longitude							
17	RS03	0810	PAC	CTD	—	1	48°34.938'	122°46.453'	70m	60m				✓	c:\DATA\2005-25\2005-25-0091.dat
17	RS03	2110	PAC	CTD	—	2	48°35.268'	122°46.563'	65m	55m				✓	25-0092.dat
18	BP03	0720	PAC	CTD	—	3	48°43.665'	123°15.497'	143m	130m				—	25-0093.dat
18	BP03	2015	PAC	CTD	—	4	48°43.719'	123°15.575'	153m	135m					25-0093.dat

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2005-20 C

DAILY LOG

...ean Sciences and Productivity Division — INSTITUTE OF OCEAN SCIENCES

Month Sept | **...005** | **Ship** VECTOR | **Cruise ID** 2005-33

Day	Station Name	Time			...iring Method	Event Number	Position Latitude	Position Longitude	Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch keepers	Trans. cleaned	Comments >2005-23
17	RSO-				—	1	48° 35' 204	122°46.846	55	45 m.					Juan de Fuca Strait 2005-99PSR-0001.dat
17				AD	—	1	48°35' 258	122°46' 817	56.7	46					2005-99PSR-0002.dat
				CTD	—	1	48°35' 223	122°46.846'	55.1	44					2005-99PSR-0003.dat
			C	CTD	—	1	48°43' 708	123°15.145	132	100					2005-99PSR-0004.dat
25			AC	CTD	—	1	48°43' 705	123°15' 182	~~123~~ ~~132~~	110 115					2005-99PSR-0005.dat
26			AC	CTD	—	1	48°43' 736	123°15' 182	120	110					2005-99PSR-0006.dat

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