IOS
Institute of Ocean Sciences
Sidney, B.C., Canada

Plankton Net Tow Log Sheet

Cruise #: 2014-06 **Vessel:** CCGS Vector **Page:** 1

Project(s): SoG **Contact:** Kelly / Moira

TSK Serial #: 3001

Date: April 4, 2014	Station: N41		Time: 21:22	(LOCAL)
Net Event # 45	CTD # 44			not UTC Local +7 = UTC
Latitude: 49° 3.27 N (deg / min.dec)		Longitude: 123° 22.44 W (deg / min.dec)		
Wire out: ~~100~~ 240	Wire angle: 0		Bottom Depth: 245	
Net Type: SCOR	Tow Type: VNH			
Flow start	Flow end		Flow = frozen	
55589	57265		Non-flow = pickled	

Notes: calm wire straight up + down
past dusk, no shallow tow

Date: 5 Apr 2014	Station: GEO1		Time: 03:45	(LOCAL)
Net Event # 52	CTD # 51			not UTC
Latitude: 49 15.14 N (deg / min.dec)		Longitude: 123 ~~44~~.94 W (deg / min.dec)		
Wire out: 394	Wire angle: 10		Bottom Depth: 404 m	
Net Type: SOR	Tow Type: VNH			
Flow start 57266	Flow end 60040		Flow = frozen	
			Non-flow = pickled	

Notes: closest CTD = 51 (stn 26). No CTD at GEO1.

Date: 5 Apr 2014	Station: CPF1		Time: 9:33	(LOCAL)
Net Event # 58	CTD # 57 (station before)			not UTC
Latitude: 49 21.98 N (deg / min.dec)		Longitude: 124 5.09 W (deg / min.dec)		
Wire out: 234	Wire angle: 12		Bottom Depth: 244 m	
Net Type: SCOR	Tow Type: VNH			
Flow start 60040	Flow end 61569		Flow = frozen	
			Non-flow = pickled	

Notes: No CTD at CPF1 Narc'd bugs before preservation

Date: 5 Apr 2014	Station: CPF1		Time: 9:45	(LOCAL)
Net Event # 59	CTD # 57 (station before)		124 5.01	not UTC
Latitude: 49 21.95 N (deg / min.dec)		Longitude: 124 5.01 W (deg / min.dec)		
Wire out: 50	Wire angle: 5		Bottom Depth: 244m	
Net Type: SCOR	Tow Type: VNH			
Flow start 61569	Flow end 61910		Flow = frozen	
			Non-flow = pickled	

Notes: No CTD at CPF1
Lost salt water, waited 5 mins to get before washing net down

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Cruise #: 2014-06 **Vessel:** Vector **Page:** 2

Project(s): SoG **Contact:** KY/MG

TSK Serial #: 3001

Date: April 5, 2014	Station: CPF2		Time: 16:38		(LOCAL) not UTC
Net Event # 65	CTD # 64				
Latitude: 49° 28.02 N (deg / min.dec)		Longitude: 124° 29.96 W (deg / min.dec)			
Wire out: 50	Wire angle: ∅		Bottom Depth: 330		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
61908	62183		Non-flow = pickled		
Notes: Windy, swelly. bow into wind so ok. Wire straight up and down.					

Date: April 5, 2014	Station: CPF2		Time: 16:57		(LOCAL) not UTC
Net Event # 66	CTD # 64				
Latitude: 49° 27.97 N (deg / min.dec)		Longitude: 124° 29.97 W (deg / min.dec)			
Wire out: 325	Wire angle: ∅		Bottom Depth: 330		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
62183	64481		Non-flow = pickled		
Notes: Wire was straight up and down entire cast, aside from near the surface.					

Date: 6 Apr 2014	Station: 11		Time: 00:14		(LOCAL) not UTC
Net Event # 74	CTD # 72				
Latitude: 49 42.38 N (deg / min.dec)		Longitude: 124 43.35 W (deg / min.dec)			
Wire out: 297	Wire angle: ∅		Bottom Depth: 302		
Net Type: SCOR	Tow Type: VNH				
Flow start 64482	Flow end 66345		Flow = frozen		
			Non-flow = pickled		
Notes: CTD cast at this station done at 10:10pm (event 72) calm					

Date: 6 Apr 2014	Station: 22		Time: 16:04		(LOCAL) not UTC
Net Event # 87	CTD # 80				
Latitude: 49 40.21 N (deg / min.dec)		Longitude: 124 16.31 W (deg / min.dec)			
Wire out: 50	Wire angle: ∅		Bottom Depth: 352		
Net Type: SCOR	Tow Type: VNH				
Flow start 66345	Flow end 666666		Flow = frozen		
			Non-flow = pickled		
Notes: GoPro on net very brown					

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Cruise #: 2014-06 **Vessel:** Vector **Page:** 3

Project(s): SoG **Contact:** Kelly

TSK Serial #: 3001

Date: 6 Apr 2014	Station: 22	Time: 16:26	(LOCAL)
Net Event # 88	CTD # 8786		not UTC
Latitude: 49 40.22 N (deg min.dec)		Longitude: 124 16.30 W (deg min.dec)	
Wire out: 347	Wire angle: 0	Bottom Depth: 352	
Net Type: SCOR	Tow Type: VNH		
Flow start 66666	Flow end 68788	Flow = frozen	
		Non-flow = pickled	

Notes:
very brown

Date:	Station:	Time:	(LOCAL)
Net Event #	CTD #		not UTC
Latitude: N (deg min.dec)		Longitude: W (deg min.dec)	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date:	Station:	Time:	(LOCAL)
Net Event #	CTD #		not UTC
Latitude: N (deg min.dec)		Longitude: W (deg min.dec)	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date:	Station:	Time:	(LOCAL)
Net Event #	CTD #		not UTC
Latitude: N (deg min.dec)		Longitude: W (deg min.dec)	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Cruise 2014-06 SoG April 4, 2014

Station: N4 bottom depth: ~~245~~ 245

Sea state - calm Event: 45

Flowmeter s/n: 3081 max depth: 240

Stn lat: 49° 3.27 N Stn long: 23° 22.44 W

- Flow start: 55589 Flow end: 57265
- Wire straight up and down.

~~Station: N4 bottom depth:~~

~~Event:~~

~~Flow start: 55589 Flow end:~~

- Did only one net haul. It was well past dusk.

GEO1 5 Apr 2014 Bottom z = 403m

BoTIME = 03:45 tow z = 394m <10

FMS - 57266 FME - 60040

st time = 3:30 am end =

CPF1 5 Apr 2014 Bottom z = 244

234m: 9:33 FMS = 60040 FME = 61569

50m - 9:45 <12° FMS = FME = 61980

"Rite in the Rain"

6 Apr 2014 Stn: 22 bottom z = 352

50m FMS 66345 FME 66666 16:04

347m FMS FME 68788 16:26

↳ surface w/ weight

"Rite in the Rain"

April 5, 2014

Stn: CPF2 bottom depth: 330m
Cruise: 2014-06 max depth: 50
Flow meter: 3001
Flow start: 61908 Flow end: 62183
bow into wind, a bit swelly but ok
wire ↑↓.

Stn: CPF2 bottom depth: 330m
Cruise 2014-06 max depth: 325
Flow start: ~~61908~~ 62183 Flow end: 64481
bottom @ 16:57 local
Wire was ↑↓ nearly entire cast aside from near surface.

Stn: 11 bottom: 302 00:14 PD
297m FMS: 64482 FME: 66345
calm 0 ∠° 6 Apr 2014