



Plankton Net Tow Log Sheet

Cruise #: 1522 Vessel: Salacia Page: 1
Project(s): Sog Contact: Kelly
TSK Serial #: 7057 RBR serial #: 108
Time offset = + 8 hrs = UTC (please record local time for samples)

Date: 4 Mar 2015	Station: SC-04	Time: 13:35	LOCAL
Net Event # 2	CTD #		
Latitude: 48 43.12 N	Longitude: 123 25.04 W		
deg min.dec	deg min.dec		
Wire out: 85	Wire angle: 0	Bottom Depth: 307	
Net Type: SOR	Tow Type: V	92 m	
Flow start	Flow end	Flow = frozen	
02040	2175 ?	Non-flow = pickled	

Notes: took surface phyto (x3) from surface Niskin after tow

Date: 4 Mar	Station: G-01	Time: 14:34 (BE)	LOCAL
Net Event # 5	CTD # 4		
Latitude: 48 45.89 N	Longitude: 123 20.36 W		
deg min.dec	deg min.dec		
Wire out: 58	Wire angle: 10	Bottom Depth: 68	
Net Type: SOR	Tow Type: JNH		
Flow start	Flow end	Flow = frozen	
2172	2539	Non-flow = pickled	

Notes:

Date: 5 Mar	Station: GED 1	Time: 08:03	LOCAL
Net Event # 6	CTD # 8 (8)		
Latitude: 49 15.07 N	Longitude: 123 44.90 W		
deg min.dec	deg min.dec		
Wire out: 380	Wire angle: 0	Bottom Depth:	
Net Type: SOR	Tow Type: JNH	1561 ft (?)	
Flow start 2538	Flow end 4718	Flow = frozen	
		Non-flow = pickled	

Notes: no wire left, had to come up: upcast speed slow ~ 1/2 m/s at 100%
CTD # 8 (3) no power to winch, recovered + turned CTD off. Niskin 5 m above CTD

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	Longitude:		
deg min.dec	deg min.dec		
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes: after playing w/ winch:

GED CTD # 9 down 10 m + up. 2 min from turn on
start cast from 0 m, down 5 m, attach Niskin
+ continued cast. SAL # 1



Plankton Net Tow Log Sheet

Cruise #: 1522 Vessel: salacia Page: 2

Project(s): 509 Contact: Kelly

TSK Serial #: 7057 RBR serial #: 108

Time offset = + 8 hrs = UTC (please record local time for samples)

Date: 5 Mar 2015 Station: CFF1 Time: 11:48 2 LOCAL

Net Event # 10 CTD # 9

Latitude: 49 22.01 N Longitude: 124 04.97 W
deg min.dec deg min.dec

Wire out: 235 Wire angle: 0 Bottom Depth: ? 500 ft

Net Type: SCOR Tow Type: VNH

Flow start Flow end Flow = frozen

4718 6025 Non-flow = pickled

Notes: phyto samples taken @ surf imm after tow.

Date: 5 Mar 2015 Station: 28 Time: 1328 LOCAL

Net Event # 13 CTD # 12

Latitude: 49 24.24 N Longitude: 123 45.28 W
deg min.dec deg min.dec

Wire out: 130 Wire angle: 5 Bottom Depth: 135

Net Type: SCOR Tow Type: VNH

Flow start 6025 Flow end 6740 Flow = frozen

Non-flow = pickled

Notes: dead calm. Brown sample - lots phyto (smelly too)

Date: 5 Mar 2015 Station: 38 Time: 15:17 LOCAL

Net Event # 14 CTD # 15

Latitude: 49 11.95 N Longitude: 123 26.34 W
deg min.dec deg min.dec

Wire out: 285 Wire angle: 0 Bottom Depth: ? 294m on sheet

Net Type: SCOR Tow Type: VNH No depth from sounder

Flow start Flow end Flow = frozen

6740 8520 Non-flow = pickled

Notes: Sunny + calm! Very brown water. Took phyto sample after CTD (surface, Lugols only)
porpoises ~ 1/4 mile NE from us.

Date: 5 Mar 2015 Station: 40 Time: 17:12 LOCAL

Net Event # 18 CTD # 17

Latitude: 49 8.68 N Longitude: 123 36.73 W
deg min.dec deg min.dec

Wire out: 140 Wire angle: 0 Bottom Depth: 145m

Net Type: SCOR Tow Type: VNH

Flow start Flow end Flow = frozen

8520 8521 (?) Non-flow = pickled

Notes: problems w/ winch for CTD cast
water still pretty brown flowmeter can spin, not sure why
no readings.



Plankton Net Tow Log Sheet

Cruise #: 1522 Vessel: Salacia Page: 3

Project(s): SUG Contact: Kelly

TSK Serial #: 7057 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 6 Mar 2015	Station: 41	Time: 09:04	LOCAL
Net Event # 20	CTD # 19		
Latitude: 49 3.27 N		Longitude: 123 22.27 W	
deg min.dec		deg min.dec	
Wire out: 235	Wire angle: 5	Bottom Depth: 246	
Net Type: SCOR	Tow Type: VNH		
Flow start 05:00	Flow end 10:39	Flow = frozen	
		Non-flow = pickled	

Notes: phyto sample taken after cast (was from gut).
deep str taken with CTD

Date: 6 Mar 2015	Station: 46	Time: 10:50	LOCAL
Net Event # 23	CTD # 22		
Latitude: 48 51.36 N		Longitude: 123 10.75 W	
deg min.dec		deg min.dec	
Wire out: 170	Wire angle: 20	Bottom Depth: 176-180	
Net Type: SCOR	Tow Type: VNH		
Flow start 10:039	Flow end 11:235	Flow = frozen	
		Non-flow = pickled	

Notes: brown sample

Date: 6 Mar 2015	Station: 59	Time: 12:55	LOCAL
Net Event # 25	CTD # 24		
Latitude: 48 37.88 N		Longitude: 124 14.50 W	
deg min.dec		deg min.dec	
Wire out: 225	Wire angle: 5	Bottom Depth: 240	
Net Type: SCOR	Tow Type: VNH		
Flow start 11:235	Flow end 12:053	Flow = frozen	
		Non-flow = pickled	

Notes: water clearer here

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:		Longitude:	
deg min.dec		deg min.dec	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

2015-22

5 Mar 2015

CPF-1 551 ft? assuming 245m

#9 CTD max 235m

#10 NET 11:42 4718-6025

#28 No depth from sonar. Assuming 135m

#9 - CTD 13:15 max = 130m

#10 - NET 6025-6740 max = 130

40 CTD bot 148m max 154?

Winch lost power on upcast 16:42-:58

6 Mar

41 CTD Niskin + 5m above CTD to get

SAL 235 max 240m depth

- bottomed? Nothing on cage/ropes.

46 CTD max 175

59 CTD max 225 bot 235

"Rite in the Rain".