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

Plankton Net Tow Log Sheet

Cruise #: 2022013 **Vessel:** **Page:** 1

Project(s): SOG **Contact:** K. Young

TSK Serial #: 7057 **RBR serial #:**

Time offset = + 7 **hrs = UTC** (please record local time for samples)

Date: 1APR2022	Station: 59		Time: 21:22		LOCAL
Net Event # 2	CTD # 3			04:22	UTC
Latitude: ~~48~~ 37.716		N	Longitude: 123° 14.591		W
deg min.dec			deg min.dec		
Wire out: 226	Wire angle:		Bottom Depth: ~~220~~ 234		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
49860	49875		Non-flow = pickled		

Notes: Net came up at 0.6 m/s.
flow meter may not be working properly

Date: 2APR22	Station: 72		Time: 18:25		LOCAL
Net Event # 11	CTD # 12				
Latitude: 48 18.597'		N	Longitude: 124° 03.969'		W
deg min.dec			deg min.dec		
Wire out: 181 m	Wire angle: 0-5°		Bottom Depth: 189 m		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
50125	51422		Non-flow = pickled		

Notes: 50120

Date: 3 Apr 2022	Station: 63		Time: 0727		LOCAL
Net Event # 25	CTD # 24				
Latitude: 48° 14.460		N	Longitude: 122° 58.697		W
deg min.dec			deg min.dec		
Wire out: 150	Wire angle: 30		Bottom Depth: 160		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
51421	52649		Non-flow = pickled		

Notes: 3 ~~Eppas3 used for CB homogenate~~ made fresh later
item 3 Eppas3

Date: 3APR22	Station: 46		Time: 19:45		LOCAL
Net Event # 37	CTD # 38				
Latitude: 48 51.380		N	Longitude: 123 10.875		W
deg min.dec			deg min.dec		
Wire out: 173	Wire angle: 10		Bottom Depth: 178		
Net Type: SCOR	Tow Type: VNH				
Flow start	Flow end		Flow = frozen		
58512	58512		Non-flow = pickled		

Notes:

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

Plankton Net Tow Log Sheet

Cruise #: 2022-013 **Vessel:** VECTOR **Page:** 3

Project(s): SoG **Contact:** K. Young

TSK Serial #: **RBR serial #:**

Time offset = + 7 **hrs = UTC (please record local time for samples)**

Date: 4APR2022	Station: 28	Time: 16:46	LOCAL
Net Event # 56	CTD # 55		
Latitude: 49 deg 24.142 min.dec N		Longitude: 123 deg 45.295 min.dec W	
Wire out: 130	Wire angle: 10-15	Bottom Depth: 135	
Net Type: ScoR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
63765	64290	Non-flow = pickled	

Notes:

Date: 4APR22	Station: 24	Time: 18:38	LOCAL
Net Event # 57	CTD # 58		
Latitude: 49 deg 30.735 min.dec N		Longitude: 124 deg 05.836 min.dec W	
Wire out: 423	Wire angle: 20	Bottom Depth: 428	
Net Type: ScoR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
64290	67641	Non-flow = pickled	

Notes:

Date: 4APR 22	Station: CPF1	Time: 22:32	LOCAL
Net Event # 62	CTD # 61		
Latitude: 49 deg 22.059 min.dec N		Longitude: 124 deg 04.984 min.dec W	
Wire out: 242	Wire angle: 0	Bottom Depth: 247	
Net Type: ScoR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
67642	68947	Non-flow = pickled	

Notes:

Date: 5 Apr 2022	Station: CPF2	Time: 0248	LOCAL
Net Event # 66	CTD # 65		
Latitude: 49° 27.993 min.dec N		Longitude: 124° 29.986 min.dec W	
Wire out: 313	Wire angle: 15	Bottom Depth: 323	
Net Type: ScoR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
68945	70952	Non-flow = pickled	

Notes: rem 1 cupp 7 3 panel 7 for CBA spike

lots biolum!

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

Plankton Net Tow Log Sheet

Cruise #: 2022013 **Vessel:** Vector **Page:** 5

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

TSK Serial #: 7057 **RBR serial #:** 081

Time offset = + 7 **hrs = UTC (please record local time for samples)**

Date: 6 Apr 2022	Station: 28	Time: 0301 **LOCAL**
Net Event # 89	CTD # 88	
Latitude: 49° 24.075 N (deg min.dec)	Longitude: 123° 45.336 W (deg min.dec)	
Wire out: 131	Wire angle: 5	Bottom Depth: 141
Net Type: SCOR	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
78040	78855	Non-flow = (pickled)

Notes:

Date: 6 Apr	Station: G1-01	Time: 0828 **LOCAL**
Net Event # 92	CTD # 91	
Latitude: 48° 45.776 N (deg min.dec)	Longitude: 123° 20.507 W (deg min.dec)	
Wire out: ~~10~~ 57	Wire angle: 10	Bottom Depth: 67
Net Type: SCOR	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
78855	79275	Non-flow = pickled

Notes: lots phyto

Date: 6 Apr 2022	Station: X-04	Time: 0902 **LOCAL**
Net Event # 93	CTD # 94	
Latitude: 48° 43.519 N (deg min.dec)	Longitude: 123° 24.862 W (deg min.dec)	
Wire out: 78	Wire angle: 10	Bottom Depth: 88
Net Type: SCOR	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
79275	79724	Non-flow = (pickled)

Notes: lots phyto - very brown

Date:	Station:	Time: **LOCAL**
Net Event #	CTD #	
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:

2022 013

Station	date	tow depth	flow start	flow end	wire angle
59	1 April	226	49860	49875	
72	2 APR	186	50125	51422	0
63	3 Apr	157 ~~30~~	51421	52649	30
46	3 APR	173	58512	58512	<10
42	3 Apr	319	58512	58538	0
38	4 Apr	299	59569	60730	10
G801	"	400	60730	63265	0
28	4 APR	130	63265	64290	10-15
24	4 APR 22	423	64290	67641	~20
CPF1	4 APR 22	242	67642	68977	0
CPF 2	5 Apr	313	68945	70952	15
12	5 Apr	350	70952	72915	0
Q039	5 APR	269	72915	74531	0
14 -	5 APR	310	74532	76161	0
22	5 APR	351	76161	78041	0
28	6 Apr	131	78040	78855	5
G1-01	"	57	78855	79275	10
X-04	"	78	79275	79724	10

Rite in the Rain

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

Plankton Net Tow Log Sheet

Cruise #: 2022-013 **Vessel:** Vector **Page:** 4

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

TSK Serial #: 7057 **RBR serial #:** 081

Time offset = + 7 **hrs = UTC** (please record local time for samples)

Date: 5 APR 2022	Station: 12	Time: 0924	LOCAL
Net Event # 74	CTD # 75		
Latitude: 49 deg 43.652 min.dec N		Longitude: 124 deg 40.814 min.dec W	
Wire out: 350	Wire angle: 0	Bottom Depth: 359	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
70952	72915	Non-flow = pickled	

Notes:
ch.tO stn

Date: 5APR22	Station: QU39	Time: 13:07	LOCAL
Net Event # 76	CTD # 77		
Latitude: 50 deg 01.834 min.dec N		Longitude: 125 deg 06.050 min.dec W	
Wire out: 269	Wire angle: 0	Bottom Depth: 274	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
72915	74531	Non-flow = pickled	

Notes:

Date: 5APR 22	Station: 14	Time: 18:08	LOCAL
Net Event # 82	CTD # 83		
Latitude: 49 deg 52.997 min.dec N		Longitude: 124 deg 59.616 min.dec W	
Wire out: 310	Wire angle: 0	Bottom Depth: 315	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
74532	76161	Non-flow = pickled	

Notes:

Date: 5APR22	Station: 22	Time: 23:29	LOCAL
Net Event # 86	CTD # 87		
Latitude: 49 deg 40.196 min.dec N		Longitude: 124 deg 16.315 min.dec W	
Wire out: 351	Wire angle: 0	Bottom Depth: 356	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
76161	78041	Non-flow = pickled	

Notes:

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

Plankton Net Tow Log Sheet

Cruise #: 2022-013 **Vessel:** **Page:** 2

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

TSK Serial #: **RBR serial #:**

Time offset = + 7 **hrs = UTC (please record local time for samples)**

Date: April 3, 2022	Station: 42		Time: 23:17	LOCAL
Net Event # 41	CTD # 42			
Latitude: 49 deg 01.721 min.dec N		Longitude: 123 deg 26.243 min.dec W		
Wire out: 319	Wire angle: 0		Bottom Depth: 324	
Net Type: SCOR	Tow Type: VNH			
Flow start	Flow end		Flow = frozen	
58530	58538		Non-flow = pickled	

Notes: 2 Pasipa ♀ (1 w/ parasite) released bioluminin. here
rem 3 Eupha - S3 for CBA spike

Date: 4 Apr 2022	Station: 38		Time: 0811	LOCAL
Net Event # 45	CTD # 46			
Latitude: 49° 11.970 deg min.dec N		Longitude: 123° 26.533 deg min.dec W		
Wire out: 299	Wire angle: 10		Bottom Depth: 308	
Net Type: SCOR	Tow Type: VNH			
Flow start	Flow end		Flow = frozen	
58569	60730		Non-flow = pickled	

Notes:

Date: 4 Apr 2022	Station: 40		Time:	LOCAL
Net Event #	CTD #			
Latitude: deg min.dec N		Longitude: deg min.dec W		
Wire out:	Wire angle:		Bottom Depth:	
Net Type: SCOR	Tow Type: VNH			
Flow start	Flow end		Flow = frozen	
			Non-flow = pickled	

Notes: missed

Date: 4 Apr 2022	Station: GEO1		Time: 12:50	LOCAL
Net Event # 50	CTD # 49			
Latitude: 49 deg 14.885 min.dec N		Longitude: 123 deg 44.977 min.dec W		
Wire out: 401	Wire angle: 0		Bottom Depth: 406	
Net Type: SCOR	Tow Type: VNH			
Flow start	Flow end		Flow = frozen	
60730	63265		Non-flow = pickled	

Notes:
chito