



Plankton Net Tow Log Sheet

Cruise #: 2019-16 Vessel: Vector Page: 1
Project(s): SOL Contact: Nina
TSK Serial #: 7133 RBR serial #: 79110

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

Date: 07 APRIL	Station: IND 04	Time: 10:47 LOCAL
Net Event # 65	CTD # 6	
Latitude: 49° 23.280 N	Longitude: 122° 52.499 W	
deg min.dec	deg min.dec	
Wire out: 212	Wire angle: 0	Bottom Depth: 222
Net Type: VNT SCOR	Tow Type: 4 VNT	
Flow start	Flow end	Flow = frozen
83833	83970	Non-flow = pickled

Notes: lots of phyto. and small jellies plugging mesh

Date: 07 APRIL	Station: VAN 6	Time: 15:44 LOCAL
Net Event # 12	CTD # 13	
Latitude: 49° 17.888 N	Longitude: 122° 58.841 W	
deg min.dec	deg min.dec	
Wire out: 52	Wire angle: 0	Bottom Depth: 62
Net Type: SCOR	Tow Type: VNH	
Flow start 83970	Flow end 84250	Flow = frozen
		Non-flow = pickled

Notes: bioluminescence + lots of phyto!

Date: 07 APRIL	Station: VAN 1	Time: 20:14 LOCAL
Net Event # 19	CTD # 20	
Latitude: 49° 18.854 N	Longitude: 123° 15.901 W	
deg min.dec	deg min.dec	
Wire out: 106	Wire angle: 0	Bottom Depth: 116
Net Type: SCOR	Tow Type: VNH	
Flow start 84250	Flow end 84680	Flow = frozen.
		Non-flow = pickled

Notes: bioluminescence + lots of phyto, just like last one

Date: 08 APRIL	Station: N 22	Time: 0151 LOCAL
Net Event # 21	CTD # 23	
Latitude: 49° 39.951 N	Longitude: 124° 15.763 W	
deg min.dec	deg min.dec	
Wire out: 338	Wire angle: 0	Bottom Depth: 348
Net Type: SCOR	Tow Type: VNT	
Flow start	Flow end	Flow = frozen
84680	86520	Non-flow = pickled

Notes: emptied grey water

during up cast

Took limacina and put in etoh.



Plankton Net Tow Log Sheet

Cruise #: 2019-016 Vessel: VECTOR Page: 2

Project(s): SOG Contact: NINA

TSK Serial #: 7133 RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 08 APRIL Station: 22 Time: 0204 LOCAL

Net Event # 22 CTD # 23

Latitude: 49° 39.935 N Longitude: 124° 15.754 W
deg min.dec deg min.dec

Wire out: 337 Wire angle: 0 Bottom Depth: 347

Net Type: SCOR Tow Type: VNT

Flow start 86620 Flow end 88337 Flow = frozen

Non-flow = pickled

Notes: Size frac emptied grey water during up cast
took brival Fish. For BRIAN HUNT

Date: 08 APR 2019 Station: 14 Time: 12:08 LOCAL

Net Event # 31 CTD # 33

Latitude: 49° 52.992 N Longitude: 124° 59.595 W
deg min.dec deg min.dec

Wire out: 303 Wire angle: 0 Bottom Depth: 313

Net Type: SCOR Tow Type: VNH

Flow start 88337 Flow end 89992 Flow = frozen

Non-flow = pickled

Notes: tough end flow meter reading

Date: 08 APR 2019 Station: 14 Time: 13:33 LOCAL

Net Event # 32 CTD # 33

Latitude: 49° 53.009 N Longitude: 124° 59.622 W
deg min.dec deg min.dec

Wire out: 303 Wire angle: 0 Bottom Depth: 313

Net Type: SCOR Tow Type: VNH

Flow start 89992 Flow end 91638 Flow = frozen

Non-flow = pickled

Notes: size fractionated for Brian Hunt

Date: 08 APR 2019 Station: 11 Time: 18:33 LOCAL

Net Event # 37 CTD # 36

Latitude: 49° 42.383 N Longitude: 124° 43.440 W
deg min.dec deg min.dec

Wire out: 290 Wire angle: 0 Bottom Depth: 300

Net Type: SCOR Tow Type: VNH

Flow start 91638 Flow end 93424 Flow = frozen

Non-flow = pickled

Notes: picked humacina in ethanol



Plankton Net Tow Log Sheet

Cruise #: 2019-016 Vessel: VECTOR Page: 3

Project(s): SOG

Contact: NINA

TSK Serial #: 7133

RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 08 APR 2019	Station: 12	Time: 19:17	LOCAL
Net Event # 38	CTD #		
Latitude: 49 deg 43.617 min.dec N	Longitude: 124 deg 40.842 min.dec W		
Wire out: 345	Wire angle: 0	Bottom Depth: 355	
Net Type: SWR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
93424	95482	Non-flow = pickled	

Notes: Stn 11 and 12 comparison, looked like more stuff @ 11, longer to sew

Date: 08 APRIL	Station: CPF2	Time: 0126	LOCAL
Net Event # 44	CTD # 45		
Latitude: 49 deg 27.998 min.dec N	Longitude: 124 deg 29.995 min.dec W		
Wire out: 315	Wire angle: 0	Bottom Depth: 325	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
95482	96989	Non-flow = pickled	

Notes: Label in bottle has incorrect Event #.

Date: 09 APRIL	Station: CPF1	Time: 0607	LOCAL
Net Event # 49	CTD # 50		
Latitude: 49 deg 21.997 min.dec N	Longitude: 124 deg 5.012 min.dec W		
Wire out: 234	Wire angle: 0	Bottom Depth: 244	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
96989	98230	Non-flow = pickled	

Notes: picked 11 macina for Etok

Date: 09/APR/19	Station: 24	Time: 0917	LOCAL
Net Event # 53	CTD # 54		
Latitude: 49 deg 30.311 min.dec N	Longitude: 124 deg 6.003 min.dec W		
Wire out: 416	Wire angle: 0	Bottom Depth: 426	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
98230	00480	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2019-016 Vessel: VECTOR Page: 3

Project(s): S06 Contact: NINA

TSK Serial #: 7133 RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 09 APR 2019	Station: 28	Time: 11:43	LOCAL
Net Event # 55	CTD # 58		
Latitude: 49° 24.103 N	Longitude: 123° 45.306 W		
deg min.dec	deg min.dec		
Wire out: 123	Wire angle: 0	Bottom Depth: 133	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
00480	01260	Non-flow = pickled	

Notes:

Date: 09 APR 2019	Station: GEO1	Time: 15:31	LOCAL
Net Event # 61	CTD # 63		
Latitude: 49° 15.040 N	Longitude: 123° 45.010 W		
deg min.dec	deg min.dec		
Wire out: 390	Wire angle: 0	Bottom Depth: 400	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
01260	03574	Non-flow = pickled	

Notes:

Date: 09 APR 2019	Station: GEO1	Time: 15:58	LOCAL
Net Event # 62	CTD # 63		
Latitude: 49° 15.050 N	Longitude: 123° 45.026 W		
deg min.dec	deg min.dec		
Wire out: 390	Wire angle: 0	Bottom Depth:	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
03574	05802	Non-flow = pickled	

Notes: size-fractionated for Brian Hunt

Date: 09 APR 2019	Station: 40	Time: 17:40	LOCAL
Net Event # 64	CTD # 65		
Latitude: 49° 08.634 N	Longitude: 123° 36.838 W		
deg min.dec	deg min.dec		
Wire out: 128	Wire angle: 20°	Bottom Depth: 135m	
Net Type: SCOR	Tow Type: VNH		
Flow start 05802	Flow end 06628	Flow = frozen	
		Non-flow = pickled	

Notes: let out 3m extra for wire angle



Plankton Net Tow Log Sheet

Cruise #: 2019-016 Vessel: VECTRA Page: 4
Project(s): 509 Contact: NINA
TSK Serial #: 7133 RBR serial #: 79110

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

Date: 09 APR 2019	Station: 38	Time: 2002	LOCAL
Net Event # 68	CTD # 67		
Latitude: 49° 12.009 N	Longitude: 123° 26.187 W		
deg min.dec	deg min.dec		
Wire out: 290	Wire angle: 0	Bottom Depth: 300	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
06628	08342	Non-flow = pickled	

Notes: released 1 1" brace

Date: 09 APR 2019	Station: 42	Time: 23:39	LOCAL
Net Event # 72	CTD # 73		
Latitude: 49° 01.806 N	Longitude: 123° 26.178 W		
deg min.dec	deg min.dec		
Wire out: 310	Wire angle: 10°	Bottom Depth: 319	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
08342	10180	Non-flow = pickled	

Notes:

Date: 10 APRIL	Station: 46	Time: 0315	LOCAL
Net Event # 75	CTD # 76		
Latitude: 48° 51.401 N	Longitude: 123° 10.802 W		
deg min.dec	deg min.dec		
Wire out: 166	Wire angle: 0	Bottom Depth: 176	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
10180	11131	Non-flow = pickled	

Notes:

Date: 10 APRIL 2019	Station: 59	Time: 1101	LOCAL
Net Event # 84	CTD # 85		
Latitude: 48° 37.769 N	Longitude: 123° 14.598 W		
deg min.dec	deg min.dec		
Wire out: 220	Wire angle: 30	Bottom Depth: 230	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
11131	12573	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2019-016 Vessel: VECTOR Page: 5

Project(s): 506 Contact: NINA

TSK Serial #: 7133 RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 11/APR/2019	Station: 72	Time: 0719	LOCAL
Net Event # 96	CTD # 97		
Latitude: 48° 18.604 N	Longitude: 124° 4.038 W		
deg min.dec	deg min.dec		
Wire out: 177	Wire angle: 20	Bottom Depth: 187	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
12573	13767	Non-flow = pickled	
Notes: had segmented jelly chain scap? yellow centre ~1/2cm in diam. did not remain			

Date: 11 APR 2019	Station: 63	Time: 19:06	LOCAL
Net Event # 109	CTD # 110		
Latitude: 48° 14.573 N	Longitude: 122° 58.558 W		
deg min.dec	deg min.dec		
Wire out: 151	Wire angle: 30°	Bottom Depth: 157	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
13767	14925	Non-flow = pickled	
Notes: let out 4m for wire angle, probably should have done 10' lots of jellies remove 3 eutima? 1-2"			

Date: 12/APR/2019	Station: GI-01	Time: 0356	LOCAL
Net Event # 116	CTD # 117		
Latitude: 48° 45.866 N	Longitude: 123° 20.526 W		
deg min.dec	deg min.dec		
Wire out: 53	Wire angle: 0	Bottom Depth: 63	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
14925	15195	Non-flow = pickled	
Notes:			

Date: 12 APRIL 2019	Station: SC-04	Time: 0449	LOCAL
Net Event # 118	CTD # 119		
Latitude: 48° 43.509 N	Longitude: 123° 24.997 W		
deg min.dec	deg min.dec		
Wire out: 88	Wire angle: 0	Bottom Depth: 98	
Net Type: SCOR	Tow Type: VNT		
Flow start	Flow end	Flow = frozen	
15195	15685	Non-flow = pickled	
Notes:			

2019-016 SOG 06-12 APRIL

STN	EVENT	START	STOP	Wire out	Angle
IND04	005	83833	83970	212	0
VAN6	12	83970	84250	52	0
VAN1	19	84250	84680	106	0
N22	21	84680	86520	338	0
N22	22	86520	88337	327	0
	14	88337	89992	303	0
	14	89992	91638	303	0
	11	91638	93424	290	0
	12	93424	95482	345	0
CPF6	44	95482	96989	315	0
CPF1	49	96989	98230	234	0
24	53	98230	00480	416	0
28	55	00480	01260	425	0
GEO1	61		03574		
GEO1	62	03574	05802		
40	64	05802	06628	128	20°
38	68	06628	08342	310	305 Bottom
42	72	08342	10180	310	10°
46	75	10180	11131	166	0
59	84	11131	12573	220	30
72	96	12573	13767	177	20
63	109	13767	14925	151	30°
GI-D1	116	14925	15195	53	0
SC-04	118	15195	15685	88	0

Rite in the Rain

