



Plankton Net Tow Log Sheet

Cruise #: 2018-29 Vessel: VECTOR Page: 1

Project(s): SOG

Contact: NINA/ATLSEA

TSK Serial #: 4926

RBR serial #: 79081

Time offset = +

hrs = UTC (please record local time for samples)

Date: 06 APR 2018	Station: 5604	Time: 20:05	LOCAL
Net Event # 3	CTD # 2		
Latitude: 48 deg 43 min. dec 54.2 N	Longitude: 123 deg 25 min. dec 02.0 W		
Wire out: 87	Wire angle: 0	Bottom Depth: 96	
Net Type: SOR	Tow Type: VNH		
Flow start 65870	Flow end 65871	Flow = frozen	
		Non-flow = pickled	

Notes: flowmeter stuck

Date: 06 APR 18	Station: 6101	Time: 2042	LOCAL
Net Event # 4	CTD # 5		
Latitude: 48 deg 45 min. dec 87.6 N	Longitude: 123 deg 20 min. dec 54.3 W		
Wire out: 63	Wire angle: 150	Bottom Depth:	
Net Type: SOR	Tow Type: VNH		
Flow start 65870	Flow end 66165	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 218 APR 06	Station: 59	Time: 23 57	LOCAL
Net Event # 8	CTD # 9		
Latitude: 48 deg 37 min. dec 79.7 N	Longitude: 123 deg 14 min. dec 54.4 W		
Wire out: 222	Wire angle: 850	Bottom Depth: 232	
Net Type: SOR	Tow Type: VNH		
Flow start 66165	Flow end 68100	Flow = frozen	
		Non-flow = pickled	

Notes: ~ 450 angle to star

- bucket sashed & lost some amount of sample (~ 10ml)

Date: 07 APR	Station: 72	Time: 10:10	LOCAL
Net Event # 17	CTD # 18		
Latitude: 48 deg 18 min. dec 61.5 N	Longitude: 124 deg 4 min. dec 04.2 W		
Wire out:	Wire angle:	Bottom Depth: 189	
Net Type: SOR	Tow Type: VNH		
Flow start 68102	Flow end 69118	Flow = frozen	
		Non-flow = pickled	

Notes:

- TSK wheel 1/2 way between 100-200 but single digit just off zero. - same @ end does not line up.

- Picked 4 LIMACINA

- 250
LIMACINA



Plankton Net Tow Log Sheet

Cruise #: 208-29 Vessel: *Vega* Page: 2
Project(s): *SDS* Contact: *N²ICS*
TSK Serial #: *4926* RBR serial #: *79081*
Time offset = + hrs = UTC (please record local time for samples)

Date: <i>2018 Apr 07</i>	Station: <i>63</i>	Time: <i>3</i> LOCAL
Net Event # <i>28</i>	CTD # <i>29</i>	
Latitude: <i>51.419</i> N	Longitude: <i>123.10.797</i> W	
deg min.dec	deg min.dec	
Wire out:	Wire angle:	Bottom Depth:
Net Type: <i>SCOR</i>	Tow Type: <i>VNH</i>	
Flow start	Flow end	Flow = frozen
		Non-flow = pickled

Notes: *Cancelled, high seas*

Date: <i>08 APR 18</i>	Station: <i>46</i>	Time: <i>10:39</i> LOCAL
Net Event # <i>42</i>	CTD # <i>43</i>	
Latitude: <i>48.51.419</i> N	Longitude: <i>123.10.797</i> W	
deg min.dec	deg min.dec	
Wire out: <i>169</i>	Wire angle: <i>0</i>	Bottom Depth: <i>179</i>
Net Type: <i>SCOR</i>	Tow Type: <i>VNH</i>	
Flow start <i>69118</i>	Flow end <i>70008</i>	Flow = frozen
		Non-flow = pickled

Notes: *don't think last digit is moving*

Date: <i>08 Apr 18</i>	Station: <i>42</i>	Time: <i>1448</i> LOCAL
Net Event # <i>409</i>	CTD # <i>50</i>	
Latitude: <i>49.01.803</i> N	Longitude: <i>123.26.249</i> W	
deg min.dec	deg min.dec	
Wire out: <i>314</i>	Wire angle: <i>20</i>	Bottom Depth: <i>320</i>
Net Type: <i>SCOR</i>	Tow Type: <i>VNH</i>	
Flow start	Flow end	Flow = frozen
<i>70009</i>	<i>72922</i>	Non-flow = pickled

Notes: *Removed limulus (lots)*

Date: <i>08 Apr 18</i>	Station: <i>41</i>	Time: <i>1654</i> LOCAL
Net Event # <i>50</i>	CTD # <i>51</i>	
Latitude: <i>49.03.300</i> N	Longitude: <i>123.22.391</i> W	
deg min.dec	deg min.dec	
Wire out: <i>230</i>	Wire angle: <i>4</i>	Bottom Depth: <i>240</i>
Net Type: <i>SCOR</i>	Tow Type: <i>VNH</i>	
Flow start	Flow end	Flow = frozen
<i>72022</i>	<i>23480</i>	Non-flow = pickled

Notes: *Ask Steve*



Plankton Net Tow Log Sheet

Cruise #: 208.19 Vessel: V401 Page: 3
Project(s): Sx6 Contact: N2/CS
TSK Serial #: 4926 RBR serial #: 79081
Time offset = + hrs = UTC (please record local time for samples)

Date: 2018 APR 08	Station: 38	Time: 1934	LOCAL
Net Event # 57	CTD # 56		
Latitude: 49 11.991 N	Longitude: 123 26.395 W		
deg min.dec	deg min.dec		
Wire out:	Wire angle:	Bottom Depth:	
Net Type: Sx6	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
73449	75185	Non-flow = pickled	
Notes:			

Date: 2018 APR 08	Station: 40	Time: 2130	LOCAL
Net Event # 61	CTD # 60		
Latitude: 48 08.645 N	Longitude: 123 36.764 W		
deg min.dec	deg min.dec		
Wire out: 130	Wire angle:	Bottom Depth: 139	
Net Type: SLN	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
15185	76082	Non-flow = pickled	
Notes:			

Date: 2018 APR 08	Station: GED1	Time: 2240	LOCAL
Net Event # 62	CTD # 64		
Latitude: 49 14.970 N	Longitude: 123 44.936 W		
deg min.dec	deg min.dec		
Wire out: 395	Wire angle:	Bottom Depth: 399	
Net Type: Sx6	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
76082	78242	Non-flow = pickled	
Notes: S12E FL			

Date: 2018 APR 08	Station: GED1	Time: 2300	LOCAL
Net Event # 63	CTD # 64		
Latitude: 49 15.014 N	Longitude: 123 44.894 W		
deg min.dec	deg min.dec		
Wire out: 395	Wire angle:	Bottom Depth: 399	
Net Type: Sx6	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
78242	80300	Non-flow = pickled	
Notes: S12E			



Plankton Net Tow Log Sheet

Cruise #: 2018-29 Vessel: VECOR Page: 4
Project(s): S09 Contact: NINA CARLSON
TSK Serial #: 4926 RBR serial #: 79081

Time offset = +

hrs = UTC (please record local time for samples)

Date: 09 APR 2018 Station: 28 Time: 02:22 LOCAL

Net Event # 69 CTD # 68

Latitude: 49° 24.080 N Longitude: 123° 45.362 W

deg min.dec deg min.dec

Wire out: 126 Wire angle: 6 Bottom Depth: 136

Net Type: SCOR Tow Type: VNH

Flow start 80300 Flow end 81062 Flow = frozen

Non-flow = pickled

Notes: stopped @ 10m on way up, net drifting dangerously inboard, picked himacina

Date: 09 APR 2018 Station: CFF1 Time: 0400 LOCAL

Net Event # 70 CTD # 71

Latitude: 49° 22.022 N Longitude: 124° 05.095 W

deg min.dec deg min.dec

Wire out: 235 Wire angle: 0 Bottom Depth: 245

Net Type: SCOR Tow Type: VNH

Flow start 81062 Flow end 83350 Flow = frozen

Non-flow = pickled

Notes: last digit definitely seems off, going by 1/2 way 300-400 = 350, flowmeter @ 00 on last wheel

Date: 09 APR 2018 Station: 24 Time: 0815 LOCAL

Net Event # 76 CTD # 75

Latitude: 49° 30.296 N Longitude: 124° 6.028 W

deg min.dec deg min.dec

Wire out: 415 Wire angle: Bottom Depth: 425

Net Type: SCOR Tow Type: VNH

Flow start 82380 Flow end 84545 Flow = frozen

Non-flow = pickled

Notes: flow end on last one probably wrong?

Date: 09 APR 2018 Station: 22 Time: 0954 LOCAL

Net Event # 77 CTD # 78

Latitude: 49° 40.237 N Longitude: 124° 16.270 W

deg min.dec deg min.dec

Wire out: 340 Wire angle: 0 Bottom Depth: 350

Net Type: SCOR Tow Type: VNH

Flow start 84545 Flow end 86382 Flow = frozen

Non-flow = pickled

Notes:

date likely wrong on labels



Plankton Net Tow Log Sheet

Cruise #: 2018-29 Vessel: Vickers Page: 5

Project(s): S6 Contact: N2/CS

TSK Serial #: 4926 RBR serial #: 79081

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

Date: 01 Apr 18	Station: QU35	Time: 1544	LOCAL
Net Event #: 84	CTD #: 85		
Latitude: 50 01.812 N	Longitude: 125 05.481 W		
deg min.dec	deg min.dec		
Wire out: 260	Wire angle: 0	Bottom Depth: 270	
Net Type: S62	Tow Type: VNH		
Flow start: 86385	Flow end: 87705	Flow = frozen	
		Non-flow = pickled	

Notes: Picked limacina - Definitely an issue w/ TSK positioning of SCOR from top dial. → Top dial does not match

Date: 2018 Apr 09	Station: 14	Time: 1829	LOCAL
Net Event #: 88	CTD #: 90		
Latitude: 49 52.980 N	Longitude: 124 59.460 W		
deg min.dec	deg min.dec		
Wire out: 304	Wire angle: 0	Bottom Depth: 314	
Net Type: S62	Tow Type: VNH		
Flow start: 87705	Flow end: 87915	Flow = frozen	
		Non-flow = pickled	

Notes: SIZE FRAGMENT

Date: 2018 Apr 9	Station: 14	Time: 1840	LOCAL
Net Event #: 87	CTD #: 90		
Latitude: 49 52.969 N	Longitude: 124 59.525 W		
deg min.dec	deg min.dec		
Wire out: 304	Wire angle: 0	Bottom Depth: 314	
Net Type: S62	Tow Type: VNH		
Flow start: 8946	Flow end: 91114	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2018 Apr 9	Station: 12	Time: 2150	LOCAL
Net Event #: 92	CTD #: 93		
Latitude: 49 43.602 N	Longitude: 124 40.792 W		
deg min.dec	deg min.dec		
Wire out: 345	Wire angle: 0	Bottom Depth: 355	
Net Type: S62	Tow Type: VNH		
Flow start: 91114	Flow end: 93278	Flow = frozen	
		Non-flow = pickled	

Notes:

Picked limacina

100's of long siphonopore chains @ SFC



Plankton Net Tow Log Sheet

Cruise #: 2018-29 Vessel: V. Elmer Page: 6

Project(s): 506 Contact: N2/CS

TSK Serial #: 2926 RBR serial #: 79082

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

Date: 2018 Apr 9	Station: 11	Time: 2329	LOCAL
Net Event # 95	CTD # 94		
Latitude: 49 42.411 N	Longitude: 124 43.446 W		
deg min.dec	deg min.dec		
Wire out: 285	Wire angle: 0	Bottom Depth: 295	
Net Type: SWR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
93076	94635	Non-flow = pickled	

Notes:

Date: 10 Apr 2018	Station: CPE2	Time: 05:07	LOCAL
Net Event # 103	CTD # 102		
Latitude: 49 27.990 N	Longitude: 124 29.934 W		
deg min.dec	deg min.dec		
Wire out: 319	Wire angle: 25°	Bottom Depth: 329	
Net Type: SCOR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
94535	96278	Non-flow = pickled	

Notes:

Date: 2018 Apr 10	Station: BS17	Time: 0922	LOCAL
Net Event # 106	CTD # 107		
Latitude: 49 28.996 N	Longitude: 124 46.000 W		
deg min.dec	deg min.dec		
Wire out: 50	Wire angle: 0	Bottom Depth: 699	61
Net Type: SWR	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
96280	96952	Non-flow = pickled	

Notes:

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	N Longitude:	W	
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:

think this is wrong has not passed 500

2018-29

W.O

STN	DEPTH	Flow St	Flow EN		Z
SC04	76	65870	65871	→ UH	OH
GI01	53	65371	66165		
59		66165	69100		
42	187	68102	69118	178	
63					
46	179	69118	70008	169	
42		70009	72922		
40					
38		75785	76082	34	
GE01		76082	78242	395	SF
GE01		78242	80300	395	LOS
28	136	80300	81062	126	
CPF1	245	81062	83350	235	
24	425	82380	84545	415	
22	350	84545	86382	340	
QU39	270	86385	87705	260	O
14	314	87705	89415	305	SE
14	314	89415	91114	305	
12	355	91114	93078	315	⊙
11	295	93078	94635	285	
CPF2	326	94535	96270	316	
BS17	55	96270	96952	50	⊙

Rite in the Rain

