



Plankton Net Tow Log Sheet

Cruise #: 2018-25 Vessel: TULLY Page: 11

Project(s): Mooring Contact: Wire

TSK Serial #: 7131 RBR serial #: 79110

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

Date: Aug 21 Station: MTD8 Time: 10:33 LOCAL PDT

Net Event # 01 CTD # 59

Latitude: 52 17.18 N Longitude: 130 11.96 W
deg min.dec deg min.dec

Wire out: 250 Wire angle: 0 Bottom Depth: 488

Net Type: Bongo Tow Type: V#

Flow start Flow end Flow = frozen

84+65 86320 Non-flow = pickled frozen

Notes: both had aquorea Flow = 1x3"
non-flow = 2x3" + 1x1" } tossed out

Date: Aug 21/18 Station: JPS4 Time: 1843 LOCAL

Net Event # 2 CTD # 65

Latitude: 52 31.263 N Longitude: 131 23.751 W
deg min.dec deg min.dec

Wire out: 250 Wire angle: 20° Bottom Depth: 355

Net Type: Bongo Tow Type: Bongo V#

Flow start Flow end Flow = frozen

12932 13621 Non-flow = pickled

Notes: 236 um

Date: Aug 21/18 Station: JPS1 Time: 2102 LOCAL

Net Event # 3 CTD # 67

Latitude: 52° 36.321 N Longitude: 131° 40.119 W
deg min.dec deg min.dec

Wire out: 127 Wire angle: 0 Bottom Depth: 137

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

13621 14380 Non-flow = pickled

Notes:

Date: 22-Aug-18 Station: JPS7 Time: 0120 LOCAL

Net Event # 71 CTD # 72

Latitude: 52 33.890 N Longitude: 131 05.806 W
deg min.dec deg min.dec

Wire out: 122 Wire angle: 10 Bottom Depth: 132

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

14380 14932 Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2018-2s Vessel: TULLY Page: 2

Project(s): Mooring Contact: Wright

TSK Serial #: 7131 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Event 81
gave myself
extra
depth
buffer

Date: Aug 22/18	Station: MTD1	Time: 13:11	LOCAL
Net Event # 5	CTD # 82		
Latitude: 53 06.52 N		Longitude: 130 22.74 W	
deg	min.dec	deg	min.dec
Wire out: 185	Wire angle: 0	Bottom Depth: 203	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen = Etoh 95%	
15931	16915	Non-flow = pickled ✓	
Notes: each bongo had 1 large aquorea 4" = 5"			

123

Date: Aug 24	Station: CH7	Time: 1404	LOCAL
Net Event # 123	CTD # 124		
Latitude: 54 31.54 N		Longitude: 130 30.88 W	
deg	min.dec	deg	min.dec
Wire out: 83	Wire angle: 0	Bottom Depth: 93	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen Etoh.	
15975	16240	Non-flow = pickled ✓	
Notes:			

event
141
most interesting
cast of
the cruise
so far

Date: Aug 25	Station: Port 3	Time: 0835	LOCAL
Net Event # 7	CTD # 142		
Latitude: 54 58.08 N		Longitude: 130 04.60 W 4.660	
deg	min.dec 09	deg	min.dec
Wire out: 150	Wire angle: <50	Bottom Depth: 273	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen Etoh.	
18408	19231	Non-flow = pickled	
Notes: tight on time so only go to 150 green net was twisted			

event
145

Date: Aug 25/18	Station: AA8	Time: 1401	LOCAL
Net Event # 8	CTD #		
Latitude: 55 25.77 N		Longitude: 129 42.5 W	
deg	min.dec	deg	min.dec
Wire out: 280	Wire angle: 0	Bottom Depth: 290	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen ✓	
20738	22157	Non-flow = pickled ✓	
Notes:			

pickle = 1" aquorea thrown out
The pickle had several shrimps
while flow had none



Plankton Net Tow Log Sheet

Cruise #: 201825 Vessel: Tuley

Page: 3

Project(s): mooring

Contact: Wright

TSK Serial #: 7131

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: Aug 25/18	Station: HAW14	Time: 20:02	LOCAL
Net Event # 8	CTD # 155		
Latitude: 55 23.40 410 N	Longitude: 129 45 84 W		
deg min.dec	deg min.dec		
Wire out: 161	Wire angle: 0	Bottom Depth: 172	
Net Type: Bongo	Tow Type: Bongo V H		
Flow start: 22151	Flow end: 23040	Flow = frozen	Flow = ETOH
		Non-flow = pickled	

Notes: Caught a lg fused egg in the net at surface. Hemlock extraction!

Date: 26 Aug 18	Station: OI33	Time: 0003	LOCAL
Net Event # 9	CTD # 160		
Latitude: 55 7.066 N	Longitude: 129 56.567 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 437	
Net Type: Bongo	Tow Type: VNH		
Flow start: 23040	Flow end: 24367	Flow = frozen	Flow = ETOH
		Non-flow = pickled	

Notes: Night Bongo lar

Date: 26 Aug 18	Station: PEARSEL	Time: 0324	LOCAL
Net Event # 162	CTD # 161		
Latitude: 53 03.756 N	Longitude: -130 11.13 W		
deg min.dec	deg min.dec		
Wire out: 219	Wire angle: 5	Bottom Depth: 229	
Net Type: Bongo	Tow Type: VNH		
Flow start: 24367	Flow end: 25548	Flow = frozen	Flow = ETOH
		Non-flow = pickled	

Notes: Night Bongo lar strikes again!

Date: Aug 26/18	Station: Pearse 6	Time: 0833	LOCAL
Net Event # 11	CTD # 168		
Latitude: 54 46.920 N	Longitude: 130 37.050 W		
deg min.dec	deg min.dec		
Wire out: 180	Wire angle: 0	Bottom Depth: 190	
Net Type: Bongo	Tow Type: V H		
Flow start: 25548	Flow end: 26488	Flow = frozen	Flow = ETOH
		Non-flow = pickled	

Notes:

The jelly was +12" across and the flow slab - it was removed but the jelly residue was substantial - removed cool and without rinsing the goo down - because the red wash not washed down - big difference in color



Plankton Net Tow Log Sheet

Cruise #: Vessel: Page: 4
Project(s): Contact:
TSK Serial #: RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: 26 AUG 18	Station: DIX3	Time: 2202	LOCAL
Net Event # 179	CTD # 178		
Latitude: 54° 28.479 N	Longitude: 132° 17.975 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 50	Bottom Depth: 360	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen E+OM	
26488	30212	Non-flow = pickled	
Notes: V. strong currents Flow end is correct			

Date: 27 Aug 18	Station: DIX2	Time: 04:04	LOCAL
Net Event # 177	CTD # 176182		
Latitude: 54° 25.416 N	Longitude: 131° 56.876 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 20	Bottom Depth: 280	
Net Type: bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen ✓	
30212	31843	Non-flow = pickled ✓	
Notes: full moon			

Date: 27 Aug 18	Station: JPS4	Time: 22:47	LOCAL
Net Event # 184	CTD # 183188		
Latitude: 52° 30.828 N	Longitude: 131° 23.302 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle:	Bottom Depth: 271	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
31843	33320	Non-flow = pickled	
Notes: 2nd time this cruise we sampled JPS4 2 jellies removed from frozen side 1 @ 3" + 1 @ 2.5" Aequorea			

Date: 28 Aug 18	Station: JPN1	Time: 0054	LOCAL
Net Event # 187	CTD # 185186	190	
Latitude: 52° 39.026 N	Longitude: 131° 40.352 W		
deg min.dec	deg min.dec		
Wire out: 62	Wire angle: 30	Bottom Depth: 72	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
33320	33731	Non-flow = pickled - 2 JARS	
Notes:			

25 @ 5 pickled. 1252 52 39.0299 131 40.365
due to awesome catch! 1254 026 352
1255 024 342



Plankton Net Tow Log Sheet

Cruise #: 2018-25 Vessel:

Page: 5

Project(s): Moorings

Contact:

TSK Serial #: 7131

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 28 Aug 18 Station: JPN 2 Time: 01:52 LOCAL

Net Event # 189 CTD # 188193

Latitude: 52 42.050 N Longitude: 131 44.771 W
deg min.dec deg min.dec

Wire out: 115 Wire angle: Bottom Depth: 124

Net Type: bongo Tow Type: VNH

Flow start Flow end Flow = frozen - 2 BAGS

33731 34297 Non-flow = pickled - 2

Notes: Major catch! 2 bags frozen, 2 jars pickled.

Date: 28 Aug 18 Station: JPN 3 Time: 09:52 LOCAL UTC

Net Event # 192 CTD # 1905

Latitude: 52 44.390 N Longitude: 131 47.616 W
deg min.dec deg min.dec

Wire out: 150 Wire angle: 0 Bottom Depth: 160

Net Type: Dory Tow Type: VNH

Flow start Flow end Flow = frozen ✓

34297 35044 Non-flow = pickled ETOH.

Notes: Ran out of formalin. froze 2 bags, 1 ETOH x 2
- correct event is 192. Labels in bags/jars say 191

Date: 28 Aug 18 Station: JPC 1 Time: 11:58 LOCAL UTC

Net Event # 199 CTD # 193198

Latitude: 52 44.267 N Longitude: 131 42.221 W
deg min.dec deg min.dec

Wire out: 215 Wire angle: 15 Bottom Depth: 225

Net Type: BONGO Tow Type: VNH

Flow start Flow end Flow = frozen

35044 36024 Non-flow = pickled ETOH.

Notes: shrimp in non-flow side

Date: Aug 28 Station: LSK1 Time: 0731 LOCAL

Net Event # 198 CTD # 197-201

Latitude: 52 49.47 N Longitude: 131 30.77 W
deg min.dec deg min.dec

Wire out: 140 Wire angle: 0 Bottom Depth: 150

Net Type: Bongo Tow Type: Vlt

Flow start Flow end Flow = frozen ✓

35951 36668 Non-flow = pickled ✓ formalin

Notes:

2 jars frozen
2 bags frozen

pickled = 1 2" aquorea
frozen = 3 2" aquorea.



Plankton Net Tow Log Sheet

Cruise #: 208-25 Vessel: TULLY Page: 6
Project(s): Moonp Contact: Wright
TSK Serial #: RBR serial #:

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

207

Date: Aug 28/18	Station: LI1	Time: 11:08	LOCAL
Net Event # 202	CTD # 201 206		
Latitude: 52 43.82 N	Longitude: 131 22.59 W		
deg min.dec	deg min.dec		
Wire out: 200	Wire angle:	Bottom Depth: 210	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	
36668	37710	Non-flow = pickled	

Notes: 2x pickled jars each bongo = 1 1" aquarue
2x bag 1-2" microtoma

212

Date: 29 Aug 18	Station: M508	Time: 00:44 53	LOCAL
Net Event # 207	CTD # 208 213		
Latitude: 51 23.681 N	Longitude: 130 55.337 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle:	Bottom Depth: 2209	
Net Type: bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	
37710	410410	Non-flow = pickled	

Notes:

220

Date: Aug 29/18	Station: CPE1	Time: 1826	LOCAL
Net Event # 215	CTD # 214 219		
Latitude: 51 0.06 N	Longitude: 127 50.364 W		
deg min.dec	deg min.dec		
Wire out: 130	Wire angle: 40	Bottom Depth: 140	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	
39410	40570	Non-flow = pickled	

Notes: Green = 5 1-2" Microtoma - removed
Red = 3 " " 1 in bag.

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: