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

Plankton Net Tow Log Sheet

Cruise #: 2019-069 **Vessel:** Tully **Page:** 1
Project(s): Moorings **Contact:** M. Galbraith
TSK Serial #: 7129 **RBR serial #:** 79081
Time offset = + 7 hrs = UTC (please record local time for samples)

Date: 03 Aug 19	Station: MS01	Time: 2247	LOCAL
Net Event # 40	CTD # 41		
Latitude: 52 (deg) 07.989 (min.dec) N	Longitude: 128 (deg) 50.353 (min.dec) W		
Wire out: 200	Wire angle: 0	Bottom Depth: 213	
Net Type: bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
26850	28242	Non-flow = pickled	

Notes:

Date: 04Aug19	Station: MS4	Time: 0604	LOCAL
Net Event # 45	CTD # 46		
Latitude: 51 (deg) 41.378 (min.dec) N	Longitude: 129 (deg) 57.553 (min.dec) W		
Wire out: 250	Wire angle: 0	Bottom Depth: 359	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
28242	29925	Non-flow = pickled	

Notes:

FROZEN = REMOVED, 1 Aquorea 3", 3x Microtma x 2"
1 unknown → same as other left in

Date: 04Aug19	Station: MS8B	Time: 1243	LOCAL
Net Event # 50	CTD # 49		
Latitude: 51 (deg) 23.950 (min.dec) N	Longitude: 130 (deg) 42.110 (min.dec) W		
Wire out: 250	Wire angle: Ø	Bottom Depth: 2005	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
29925	31608	Non-flow = pickled	

Notes: 5x Microtma 4x2" + 1x1" Removed 2 unknowns left in. almost all Doliolids

Date: 04 Aug19	Station: MTD8B	Time: ~~2313~~	LOCAL
Net Event # 55	CTD # 56		
Latitude: 52 (deg) 13.957 (min.dec) N	Longitude: 130 (deg) 11.466 (min.dec) W		
Wire out: 250	Wire angle: 0	Bottom Depth: 498	
Net Type: bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
31608	33182	Non-flow = pickled	

Notes:

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Cruise #: 2019069 **Vessel:** Tully **Page:** 2

Project(s): mooring **Contact:** WRIGHT

TSK Serial #: 7129 **RBR serial #:** 79801

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

Date: Aug 5/19	Station: Juan ✓	Time: 0822.	LOCAL
Net Event # 61	CTD # 60		
Latitude: 52 31.059 N (deg / min.dec)		Longitude: 131 23.842 W (deg / min.dec)	
Wire out: 250	Wire angle: 0	Bottom Depth: 367	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen ✓	
33182	34655	Non-flow = pickled ✓	

Notes: ~~No~~ Flow = 1x2" Aquorea removed

lots of algae.

Date: Aug 5/19	Station: JPS1	Time: 1106	LOCAL
Net Event # 63	CTD # 64		
Latitude: 52 36.28 N (deg / min.dec)		Longitude: 131 40.269 W (deg / min.dec)	
Wire out: 125	Wire angle: 0	Bottom Depth: 135	
Net Type: Bongo	Tow Type: V H.		
Flow start	Flow end	Flow = frozen ✓	
34655	35428	Non-flow = pickled ✓	

Notes: lots of algae.

FROZEN
1x4" Aquorea removed
1x3" Microstoma removed
1x2" Aquorea

Date: Aug 5/19	Station: JPS7	Time: 16:09	LOCAL
Net Event # 69	CTD # 70		
Latitude: 52 33.937 N (deg / min.dec)		Longitude: 131 06.234 W (deg / min.dec)	
Wire out: 125	Wire angle: 10	Bottom Depth: 135	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen ✓	
35428	36248	Non-flow = pickled	

Notes: Comb jellies
frozen has something strange - mushed up jelly?

Date: Aug 10/19	Station: QCS 3	Time: 1730	LOCAL
Net Event # 159	CTD # 158		
Latitude: 50 43.768 N (deg / min.dec)		Longitude: 127 15.022 W (deg / min.dec)	
Wire out: 207	Wire angle: 0	Bottom Depth: 215	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen ✓	
36248	37451	Non-flow = pickled ✓	

Notes:
adult Shrimp caught in ~~flow~~ flowsdo.
comb jellies " " " "

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Cruise #: 2019069 **Vessel:** Tully **Page:** 3

Project(s): MooMP **Contact:** Wright

TSK Serial #: 7129 **RBR serial #:** 79801

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

Date: Aug 10/19	Station: QSC 1		Time: 2157		**LOCAL**
Net Event # 162	CTD # 161				
Latitude: 50 40.021		N	Longitude: 126 46.280		W
deg min.dec			deg min.dec		
Wire out: 148	Wire angle: 0		Bottom Depth: 158		
Net Type: Bongo	Tow Type: V H				
Flow start	Flow end		Flow = frozen ✓		
37455	38318		Non-flow = pickled		

Notes: The flow side had noticably more amphipods

Date: Aug 11/19	Station: CPFZ		Time: 1632		**LOCAL**
Net Event # 170	CTD # 169				
Latitude: 49 28.006		N	Longitude: 124 30.50		W
deg min.dec			deg min.dec		
Wire out: 250	Wire angle: 45°		Bottom Depth: 352		
Net Type: Bongo	Tow Type: V H.				
Flow start	Flow end		Flow = frozen ✓		
38318	40898		Non-flow = pickled ✓		

Notes: windy so the last 5-10 second dragged on surface - caught algae - gentle washed it off and took it out

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:

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:

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Cruise #: **Vessel:** **Page:**

Project(s): **Contact:**

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

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

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

Notes:

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

Notes:

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

Notes:

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

Notes: