



Plankton Net Tow Log Sheet

Cruise #: 2016-08 Vessel: Tully Page: 1

Project(s): Line P Contact: MOIRA

TSK Serial #: 4888 RBR serial #: 79108

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

Date: 17 Aug 2016	Station: H40 59	Time: 16:29	LOCAL
Net Event # 3	CTD # 2	23:29	UTC
Latitude: 48° 37.91 N		Longitude: 123° 15.3449 W	
deg min.dec		deg min.dec	
Wire out: 175	Wire angle: 10	Bottom Depth: 183	
Net Type: Bongo	Tow Type: VNH		
Flow start 79280	Flow end 80740	Flow = frozen	
		Non-flow = pickled	

Notes: A LOT OF CURRENT

Date: 17 Aug 2016	Station: SF2	Time: 22:34	LOCAL
Net Event # 7	CTD # 6	05:34	UTC
Latitude: 48° 18.0837 N		Longitude: 124° 00.1794 W	
deg min.dec		deg min.dec	
Wire out: 182	Wire angle: 0	Bottom Depth: 187	
Net Type: Bongo	Tow Type: VNH		
Flow start 80740	Flow end 81980	Flow = frozen	
		Non-flow = pickled	

Notes: UVIC took 8 krill (frozen side)

Date: 18 Aug 2016	Station: P2	Time: 08:41	LOCAL
Net Event # 15	CTD # 12	1541	UTC
Latitude: 48° 35.88 N		Longitude: 125° 59.69 W	
deg min.dec		deg min.dec	
Wire out: 110	Wire angle: 0	Bottom Depth: 115	
Net Type: Bongo	Tow Type: VNH		
Flow start 81980	Flow end 83750	Flow = frozen	
		Non-flow = pickled	

END 82750

Notes:

UVIC took 10 small krill from frozen side.

Date: 18 Aug 2016	Station: P2	Time: 0857	LOCAL
Net Event # 16	CTD # 12	1557	UTC
Latitude: 48° 35.7156 N		Longitude: 125° 59.6310 W	
deg min.dec		deg min.dec	
Wire out: 101	Wire angle: 15	Bottom Depth: 115	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes: 82750 - start

No samples for IOS. Sara & net.

U236 WHICH SHE PRESERVED IN FORMALIN

* 82940 is a guess - flowmeter read incorrectly.

USE THESE
NUMBERS



Plankton Net Tow Log Sheet

Cruise #: 2016-08 Vessel: Tully Page: 2

Project(s): LINE P Contact:

TSK Serial #: 4888 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 18 Aug 2016	Station: P4	Time: 1544	LOCAL
Net Event # 21	CTD # 20		
Latitude: 48 39.00 N		Longitude: 126 39.92 W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 1310	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
83815	86000	Non-flow = pickled	

Notes:

Date: 20 Aug 16	Station: P12	Time: 1347	LOCAL
Net Event # 38	CTD # 37		
Latitude: 48 58.48 N		Longitude: 130 31.96 W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 5	Bottom Depth: 3023	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
86080	88095	Non-flow = pickled	

Notes: SLIME SAMPLER HIT A JELLY

PRESERVED SNOW
FROZEN OK

MIGHT HAVE TO USE IF
FOR ANALYSIS

Date: 22 Aug 2016	Station: P16	Time: 0438	LOCAL
Net Event # 52	CTD # 51		
Latitude: 49 16.98 N		Longitude: 134 40.05 W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 10	Bottom Depth: 3201	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
88029	88784	Non-flow = pickled	

Notes: Frozen - NR removal partial sample (4 small krill)

Date: 22 Aug 2016	Station: P16	Time: 0542	LOCAL
Net Event # 53	CTD # 51		
Latitude: 49 17.21 N		Longitude: 134 40.27 W	
deg min.dec		deg min.dec	
Wire out: 1200	Wire angle: 0	Bottom Depth: 3201	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
88784	97221	Non-flow = pickled	

Notes:

9?



Plankton Net Tow Log Sheet

Cruise #: 2016-08 Vessel: Tully Page: 3

Project(s): LINE P Contact: MOIRA

TSK Serial #: 4888 RBR serial #: 79108

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

Date: 23 Aug 2016 Station: P20 Time: 1144 LOCAL

Net Event # 64 CTD # 65

Latitude: 49 33.98 N Longitude: 138 40.02 W
deg min.dec deg min.dec

Wire out: 250 Wire angle: 0 Bottom Depth: 3965

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

97221 98840 Non-flow = pickled

Notes: REMOVED DEAD JELLY ~ 30 CM FRIED EGG? CYANOA - ORAL ARMS
FROM NON-FLOW SIDE XPHACELLOPHORA

Date: 23.08.16 Station: P20 Time: 2141 LOCAL

Net Event # 69 CTD # 65

Latitude: 49 33.97 N Longitude: 138 39.89 W
49 33.93 deg min.dec 138 39.97 deg min.dec

Wire out: 1250 Wire angle: 15 Bottom Depth: 3966

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

98840 107330 Non-flow = pickled

Notes:

Date: 26 Aug 2016 Station: P26 Time: 0409 LOCAL

Net Event # 88 CTD # 88

Latitude: 49 59.93 N Longitude: 144 59.944 W
deg min.dec deg min.dec

Wire out: 250 Wire angle: 12 Bottom Depth: 4251

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

07328 08860 Non-flow = pickled

Notes:

*Note wind up at 0.7 m/s, not 1 m/s.

Date: 26 08 16 Station: P26 Time: 2146 LOCAL

Net Event # 95 CTD # 94

Latitude: 50 0.08 N Longitude: 145 0.12 W
deg min.dec deg min.dec

Wire out: 1500 Wire angle: 10 Bottom Depth: 4252

Net Type: Bongo Tow Type: VNH

Flow start Flow end Flow = frozen

8861 18294 Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2016-08 Vessel: Tully Page: 4

Project(s): Lne P Contact: MBIRA

TSK Serial #: 4333 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 29 Aug 2016	Station: P8	Time: 11:27	LOCAL
Net Event # 105	CTD # 103	18:27	
Latitude: 48 48.9959 N	Longitude: 128° 39.9892 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0°	Bottom Depth: 2518	
Net Type: Bongo	Tow Type: VNH		
Flow start 18385	Flow end 20100	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 29 Aug 2016	Station: P8	Time: 12:22	LOCAL
Net Event # 106	CTD # 103	19:22	UTC
Latitude: 48° 48.960 N	Longitude: 128° 40.139 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 0	Bottom Depth: 2518	
Net Type: Bongo	Tow Type: VNH		
Flow start 20100	Flow end 28610	Flow = frozen	
		Non-flow = pickled	

Notes: VIPERFISH IN MINUS 80° FOR 130 TOPES

Date: 29 Aug 2016	Station: P4	Time: 19:56	LOCAL
Net Event # 110	CTD # 112	02:56	UTC
Latitude: 48° 38.8864 N	Longitude: 126° 40.2733 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 5	Bottom Depth: 1328	
Net Type: Bongo	Tow Type: VNH		
Flow start 28610	Flow end 30575	Flow = frozen	
		Non-flow = pickled	

Notes: 112 tsp from frozen For Save E.

Date: 29 Aug 2016	Station: P4	Time: 20:51	LOCAL
Net Event # 111	CTD # 112	03:51	UTC
Latitude: 48° 38° 47.5 N	Longitude: 126° 40.1650 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 0	Bottom Depth: 1327	
Net Type: Bongo	Tow Type: VNH		
Flow start 30575	Flow end 39180	Flow = frozen	
		Non-flow = pickled	

Notes:

MULTINET Log Sheet

Cruise: 2016-08 Station: P4 Date: 18 AUG 2016
 Event #: 22 Local Time: 1630 Area: LA PEROUSE
 CTD #: 20 Bottom Depth: 1314 Project: LINE P

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m³)	Comments
1	1744	1200-1000	48 39.29	126 39.80	61	8.5v
2	1749	1000-750	39.29	39.77	73	8.4
3	1755	750-500	39.31	39.75	69	"
4	1801	500-250	39.30	39.69	68	"
5	1806	250-0	39 36	39.68	80	"
	1812					

Comments: START 1639 48 38.99 126 39.99 9.1 VOLTS

Cruise: 2016-08 Station: P12 Date: 20 08 16
 Event #: 40 Local Time: 1821 Area: OCEANIC
 CTD #: 39 Bottom Depth: 3234 Project: LINE P

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m³)	Comments
1	2034	2000-2000	48 58.74	136 40.25	281	8.4
2	2054	2000-1000	58.84	40.33	265	8.3
3	2114	1000-500	58.88	40.23	123	"
4	2124	500-250	58.89	40.20	60	"
5	2129	250-0	58.89	40.20	67	"
	2135					

Comments: START 1821 48 58.33 130 39.93 8.8 VOLTS

MULTINET Log Sheet

Cruise: 2016-08 Station: P20 Date: 23 AUG 2016
 Event #: 66 Local Time: 1604 Area: OCEANIC
 CTD #: 65 Bottom Depth: 3967 Project: LINE P

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments
1	1851	3000-2000	49 33.98	138 40.00	266	8.3 volts
2	1912	2000-1000	34.02	39.94	235	7.8
3	1930	1000-500	34.02	39.97	117	8.3
4	1940	500-250	34.00	39.95	61	8.3
5	1946	250-0	33.98	39.93	70	8.3
	1951					

Comments: START 1634 49 33.98 138 39.78 9 VOLTS

Cruise: _____ Station: _____ Date: _____
 Event #: _____ Local Time: _____ Area: _____
 CTD #: _____ Bottom Depth: _____ Project: _____

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments

Comments: