



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JP TOLLY Page: 1

Project(s): LA PEROUSE Contact: MOIRA

TSK Serial #: 7131

Date: 6 Sept 2014	Station: E1	Time: 0043 (LOCAL)
Net Event # 06	CTD # 05	not UTC
Latitude: 48° 31.84' N	Longitude: 125° 03.70' W	
deg min.dec	deg min.dec	
Wire out: 109	Wire angle: 20	Bottom Depth: 114
Net Type: B	Tow Type: VNH	
Flow start 34744	Flow end 35587	Flow = frozen
		Non-flow = pickled

Notes:

Date: 6 Sept 14	Station: C1	Time: 0314 (LOCAL)
Net Event # 10	CTD # 9	not UTC
Latitude: 48° 29.36' N	Longitude: 125° 15.45' W	
deg min.dec	deg min.dec	
Wire out: 144	Wire angle: 15	Bottom Depth: 150
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
35587	36575	Non-flow = pickled

Notes: Birds catching little fish off stern during tow (gulls)

Date: 6 Sept 14	Station: C2	Time: 0422 (LOCAL)
Net Event # 12	CTD # 11	not UTC
Latitude: 48° 26.46' N	Longitude: 125° 9.44' W	
deg min.dec	deg min.dec	
Wire out: 152	Wire angle: 5	Bottom Depth: 15.8
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
36757	37550	Non-flow = pickled

Notes: (3cm?) Gulls still feeding on sm fish off stern. Fish = smelts? Long + skinny, silver sides dark back
2 shrimp in preserved side, none in frozen side.

Date: 6 Sept 2014	Station: C3	Time: 0540 (LOCAL)
Net Event # 14	CTD # 13	not UTC
Latitude: 48° 23.44' N	Longitude: 125° 20.56' W	
deg min.dec	deg min.dec	
Wire out: 116	Wire angle: 5	Bottom Depth: 121
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
37550	38372	Non-flow = pickled

Notes:

fish jumping at surface



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: Tully Page: 2

Project(s): Laperouse Contact: Moira

TSK Serial #: 7131/7085

Date: 6 Sept 2014	Station: LB07	Time: 0647	(LOCAL)
Net Event # 16	CTD # 15		not UTC
Latitude: 48° 28.92' N	Longitude: 125° 21.92' W		
deg min.dec	deg min.dec		
Wire out: 149	Wire angle: 10	Bottom Depth: 154	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
38375	39320	Non-flow = pickled	

Notes: large hole mid-way up flow side Net. Switched to spares after cast

Date: 6 Sept 2014	Station: LB08	Time: 0810	(LOCAL)
Net Event # 18	CTD # 17		not UTC
Latitude: 48° 25.62' N	Longitude: 125° 28.32' W		
deg min.dec	deg min.dec		
Wire out: 156	Wire angle: 5°	Bottom Depth: 166	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
38835	40181	Non-flow = pickled	

Notes: New TSK = 7085

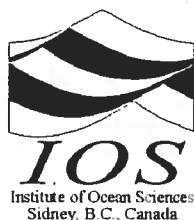
Date: 6 Sept 2014	Station: B8	Time: 09:38	(LOCAL)
Net Event # 20	CTD # 19		not UTC
Latitude: 48° 34.53' N	Longitude: 125° 29.92' W		
deg min.dec	deg min.dec		
Wire out: 106	Wire angle: 0	Bottom Depth: 113	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
40182	40984	Non-flow = pickled	

Notes:

1cm tear near cod end of flow side. Patched w/ silicon for next station

Date: 6 Sept 2014	Station: B7	Time: 10:31	(LOCAL)
Net Event # 22	CTD # 21		not UTC
Latitude: 48° 32.01' N	Longitude: 125° 35.38' W		
deg min.dec	deg min.dec		
Wire out: 70	Wire angle: 0	Bottom Depth: 80	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
40987	41503	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 1422 Vessel: Tully Page: 3
Project(s): Laprowse Contact: Moira
TSK Serial #: 7085

Date: 6 Sept 2014	Station: LB11	Time: 1351 (LOCAL)
Net Event # 25	CTD # 26	2051 not UTC
Latitude: 48° 15.26' N		Longitude: 125° 47.75' W
deg min.dec		deg min.dec
Wire out: 200	Wire angle: 10	Bottom Depth: 205
Net Type: B	Tow Type: VNH	
Flow start 41503	Flow end 42980	Flow = frozen
		Non-flow = pickled

Notes:

Date: 6 Sept 2014	Station: LB16	Time: 2142 (LOCAL)
Net Event # 32	CTD # 31	0442 not UTC
Latitude: 48° 00.58' N		Longitude: 126° 16.88' W
deg min.dec		deg min.dec
Wire out: 250	Wire angle: 0	Bottom Depth: 1810
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
42980	44710	Non-flow = pickled

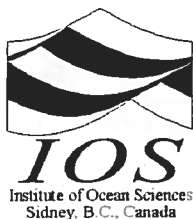
Notes:

Date: 7 Sept 2014	Station: LC12/A4	Time: 0646 (LOCAL)
Net Event # 367	CTD # 345	not UTC
Latitude: 48° 14.92' N		Longitude: 126° 40.08' W
deg min.dec		deg min.dec
Wire out: 250	Wire angle: 0	Bottom Depth: 2515
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
44710	46612	Non-flow = pickled

Notes:

Date: 7 Sept 2014	Station: B5/LC05	Time: 2058 (LOCAL)
Net Event # 46	CTD # 45	not UTC
Latitude: 48° 39.95' N		Longitude: 125° 47.47' W
deg min.dec		deg min.dec
Wire out: 55	Wire angle: 05	Bottom Depth: 65m
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
46615	47025	Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JPTOLY Page: 4
Project(s): LAPEROUSE Contact: MOIRA
TSK Serial #: 7085

Date: 07 09 14	Station: B6	Time: 14:59 (LOCAL)
Net Event # 48	CTD # 47	not UTC
Latitude: 48 36.44 N	Longitude: -125 53.99 W	
deg min.dec	deg min.dec	
Wire out: 85	Wire angle: 0	Bottom Depth: 95
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
47025	47675	Non-flow = pickled

Notes: CURRENT AT SURFACE TERNS FEEDING IN WAKE → SAURY?
LCOG

Date: 8 Sept 14	Station: A1	Time: 00:13 (LOCAL)
Net Event # 51	CTD # 50	not UTC
Latitude: 48 29.503 N	Longitude: 126 7.099 W	
deg min.dec	deg min.dec	
Wire out: 191	Wire angle: 0	Bottom Depth: 201
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
47675	49722	Non-flow = pickled

Notes: 1 lipid, 1 Steele removed frozen → preserved
swell

Date: 8 Sept 14	Station: A2	Time: 0145 (LOCAL)
Net Event # 53	CTD # 52	not UTC
Latitude: 48 22.79 N	Longitude: 126 3.87 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 343
Net Type: B	Tow Type: VNH	
Flow start 49765	Flow end 52211	Flow = frozen
		Non-flow = pickled

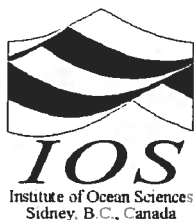
Notes: Date on label wrong

Date: 8 Sept 2014	Station: A3/LCO9	Time: 04:20 (LOCAL)
Net Event # 55	CTD # 54	not UTC
Latitude: 48 25.945 N	Longitude: 126 13.706 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 597
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
52211	53750	Non-flow = pickled

Notes:

No taxonomy/frozen sample
Bongs wrapped, came up sideways. (lots of swell) Red wrapped up + around green side.
Preserved what was in cod ends in 2-20ml vials EtOH 95%

Date on label wrong →



Plankton Net Tow Log Sheet

Cruise #: 1422 Vessel: Tully Page: 5

Project(s): laparasc Contact: Moira

TSK Serial #: 7131 * NEW

Date: 8 Sept 14	Station: LD11	Time: 09:44 (LOCAL)
Net Event # 58	CTD # 57	not UTC
Latitude: 48 28.80 N		Longitude: 126 43.02 W
deg min.dec		deg min.dec
Wire out: 250	Wire angle: 0	Bottom Depth: 1602
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
48611	50202	Non-flow = pickled

Notes: switched bargos for this station, new TSK

* Date on label wrong

Date: 08.09.14	Station: LD09	Time: 1529 (LOCAL)
Net Event # 62	CTD # 61	not UTC
Latitude: 48 35.70 N		Longitude: 126 30.00 W
deg min.dec		deg min.dec
Wire out: 250	Wire angle:	Bottom Depth: 1051 m
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
50201	12480	Non-flow = pickled

Notes:

Date: 08.09.14	Station: D24	Time: 2254 (LOCAL)
Net Event # 68	CTD # 67	not UTC
Latitude: 48 53.17 N		Longitude: 125 56.92 W
deg min.dec		deg min.dec
Wire out: 59	Wire angle: 10	Bottom Depth: 64
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
52480	52930	Non-flow = pickled

Notes:

Date: 08 09 14	Station: D1	Time: 1129 (LOCAL)
Net Event # 71	CTD # 70	not UTC
Latitude: 48 58.36 N		Longitude: 125 47.12 W
deg min.dec		deg min.dec
Wire out: 36	Wire angle: 32	Bottom Depth: 45
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
52930	53412	Non-flow = pickled

Notes: 1 AN SPILT SOME FROM THE FROZEN SIDE



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JPTULLY Page: 6

Project(s): LAPEROUSE Contact: MOIRA

TSK Serial #: 7131 Estavan

Date: 9 Sept 2014	Station: LG02	Time: 05:30 (LOCAL)
Net Event # 75	CTD # 74	not UTC
Latitude: 49 18.62 N	Longitude: 126 38.00 W	
deg min.dec	deg min.dec	
Wire out: 90	Wire angle: 10	Bottom Depth: 99
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
53415	54320	Non-flow = pickled

Notes:

Date: 9 Sept 2014	Station: LG04	Time: 0745 (LOCAL)
Net Event # 78	CTD # 79	not UTC
Latitude: 49 11.30 N	Longitude: 126 49.37 W	
deg min.dec	deg min.dec	
Wire out: 134	Wire angle: 0	Bottom Depth: 144
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
54330	55235	Non-flow = pickled

Notes:

Date: 9 Sept 2014	Station: LG07	Time: 1258 (LOCAL)
Net Event # 83	CTD # 82	not UTC
Latitude: 48 59.49 N	Longitude: 127 7.20 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 1947
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
55236	57291	Non-flow = pickled

Notes: PNEUMODERMA

Date: 09.09.14	Station: LG09	Time: 1834 (LOCAL)
Net Event # 86	CTD # 85	not UTC
Latitude: 48 51.24 N	Longitude: 127.19.39 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2058
Net Type: B0240	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
57291	59260	Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JPTOUT Page: 7

Project(s): WAPEROUSE Contact: MOIRA

TSK Serial #: 7131 ESTEVAN

Date: 09-09-14	Station: L609	Time: 1834 (LOCAL)
Net Event # 87	CTD # 85	not UTC
Latitude: 48.5134 N	Longitude: 127.1935 W	
deg min.dec	deg min.dec	
Wire out: 1060	Wire angle: 0	Bottom Depth: 2058
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
59260	67048	Non-flow = pickled

Notes:

Date: 10-09-14	Station: L509	Time: 0025 (LOCAL)
Net Event # 89	CTD # 88	not UTC
Latitude: 49.16.11 N	Longitude: 127.57.51 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2488
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
67055	69260	Non-flow = pickled

Notes:

Date: 10 Sep 2014	Station: LJ06	Time: 05:51 (LOCAL)
Net Event # 93	CTD # 92	not UTC
Latitude: 49.28.02 N	Longitude: 127.28.75 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 1001
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
69489	71270	Non-flow = pickled

Notes: 4 MIOLE S3, 4 EUTIN S3 removed from preserved side
SQUID transferred from frozen → preserved sample

Date: 10 Sep 2014	Station: LJ04	Time: 08:29 (LOCAL)
Net Event # 96	CTD # 95	not UTC
Latitude: 49.35.60 N	Longitude: 127.16.88 W	
deg min.dec	deg min.dec	
Wire out: 148	Wire angle: 15	Bottom Depth: 157
Net Type: B	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
71270	72280	Non-flow = pickled

Notes: humpback whales here - large pod w/ babies!



Plankton Net Tow Log Sheet

Cruise #: 1422 Vessel: Tully Page: 8

Project(s): Laperouse/Brooks Contact: Moira

TSK Serial #: 7131

Date: 10 Sept 14	Station: L302	Time: 10:16	(LOCAL)
Net Event # 99	CTD # 98		not UTC
Latitude: 49 42.61 N	Longitude: 127 5.37 W		
deg min.dec	deg min.dec		
Wire out: 78	Wire angle: 10	Bottom Depth: 82	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
72280	72822	Non-flow = pickled	

Notes:

Date: 10.09.14	Station: LBP2	Time: 1508	(LOCAL)
Net Event # 104	CTD # 103		not UTC
Latitude: 50° 4.03 N	Longitude: 127° 54.24 W		
deg min.dec	deg min.dec		
Wire out: 95	Wire angle: 0	Bottom Depth: 99	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
72822	73516	Non-flow = pickled	

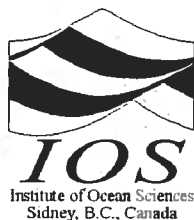
Notes: WHALES JUST OFF STERN HUMPIES

Date: 10.09.14	Station: LBP3	Time: 1600	(LOCAL)
Net Event # 106	CTD # 105		not UTC
Latitude: 50 31.21 N	Longitude: 127 35.27 W		
deg min.dec	deg min.dec		
Wire out: 160	Wire angle: 5	Bottom Depth: 166	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
73516	74717	Non-flow = pickled	

Notes: WHALE IN DISTANCE AROUND US

Date: 10.09.14	Station: LBP5	Time: 1846	(LOCAL)
Net Event # 109	CTD # 108		not UTC
Latitude: 50 0.01 N	Longitude: 127 59.95 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: (C)	Bottom Depth: 1283	
Net Type: Bongo	Tow Type: VNH		
Flow start 74717	Flow end 76230	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JATULLY Page: 9

Project(s): BROOKS - ES Contact: MOIRA

TSK Serial #: 7131

Date: 10 09 14	Station: LBP7	Time: 2028 (LOCAL)
Net Event # 112	CTD # 111	not UTC
Latitude: 49 52.41 N	Longitude: 128 11.11 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2197
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
76230	77665	Non-flow = pickled

Notes:

↑ SEEMS LOW BUT DOUBLE CHECKED

Date: 11 Sept 2014	Station: CPE2	Time: 0918 (LOCAL)
Net Event # 116	CTD # 115	not UTC
Latitude: 50 43.14 N	Longitude: 128 40.28 W	
deg min.dec	deg min.dec	
Wire out: 115	Wire angle: 5	Bottom Depth: 123
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
77664	78365	Non-flow = pickled

Notes: Small pod killer whales in area. Lots phyto

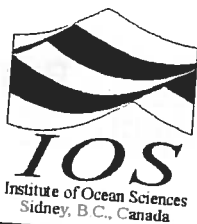
2 MIOCE removed from preserved side (s3)

Date: 11 Sept 2014	Station: LQ03	Time: 1104 (LOCAL)
Net Event # 117	CTD # 118	not UTC
Latitude: 50 39.65 N	Longitude: 129 1.92 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 12	Bottom Depth: 1396
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
78366	80080	Non-flow = pickled

Notes: passed whales (humpbacks?) on way to station

Date: 11 Sept 2014	Station: J122	Time: 1413 (LOCAL)
Net Event # 120	CTD # 119	13.15 not UTC
Latitude: 50 39.75 N	Longitude: 129 17.33 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 5°	Bottom Depth: 1434 (1383)
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
80081	81739	Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: Tully Page: 10

Project(s): CS Line Contact: Moira

TSK Serial #: 7131

Date: 11 Sept 14	Station: CS00	Time: 1906	(LOCAL)
Net Event # 122	CTD # 121		
Latitude: 50 27.65 N	Longitude: 129 55.06 W		not UTC
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 2174	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
81739	83215	Non-flow = pickled	
Notes: Salmon shark at stn			
~ 20° PART WAY UP THEN BACK TO ZERO			

Date: 11 Sep 14	Station: CS01	Time: 2331	(LOCAL)
Net Event # 124	CTD # 125		
Latitude: 50 34.96 N	Longitude: 129 41.51 W		not UTC
deg min.dec	deg min.dec		
Wire out: 250 m	Wire angle:	Bottom Depth: 2106	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
83215	84954	Non-flow = pickled	
Notes:			

Date: 12 Sept 2014	Station: CS02	Time: 0212	(LOCAL)
Net Event # 126	CTD # 127		
Latitude: 50 41.28 N	Longitude: 129 27.90 W		not UTC
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 1904	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
84954	86520	Non-flow = pickled	
Notes: weight line pickled side broke, cod end ended up over top rim of frozen side, but wasn't blocking mouth			

Date: 12 Sept 2014	Station: CS03	Time: 0504	(LOCAL)
Net Event # 129	CTD # 128		
Latitude: 50 45.52 N	Longitude: 129 20.16 W		not UTC
deg min.dec	deg min.dec		
Wire out: 239	Wire angle: 5	Bottom Depth: 248	
Net Type: B	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
86520	88050	Non-flow = pickled	
Notes:			

Squid taken alive from pickled side (in loop jar)



Plankton Net Tow Log Sheet

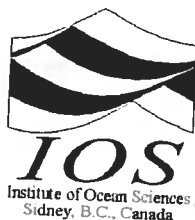
Cruise #: 1422 Vessel: JP Tully Page: 11
Project(s): CS line Contact: Moring
TSK Serial #: 7131

Date: 12 Sept 2014	Station: CS04	Time: 0602 (LOCAL)
Net Event # 131	CTD # 130	not UTC
Latitude: 50 49.24 N	Longitude: 129 13.43 W	
deg min.dec	deg min.dec	
Wire out: 92	Wire angle: 20	Bottom Depth: 102
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
88050	88850	Non-flow = pickled
Notes: lots of phyto 500ml jar		

Date: 12 Sept 2014	Station: ODAS	Time: 10:45 (LOCAL)
Net Event # 133	CTD # 132	not UTC
Latitude: 50° 50.15 N	Longitude: 129° 53.74 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 5	Bottom Depth: 2103
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
88850	90591	Non-flow = pickled
Notes:		

Date: 12 Sept 14	Station: CS3B	Time: 1339 (LOCAL)
Net Event # 135	CTD # 134	not UTC
Latitude: 51 0.06 N	Longitude: 129 27.08 W	
deg min.dec	deg min.dec	
Wire out: 215	Wire angle: 15	Bottom Depth: 223
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
90395	92400	Non-flow = pickled
Notes:		

Date: 12 09 14	Station: CS	Time: 1549 (LOCAL)
Net Event # 137	CTD # 136	not UTC
Latitude: 50 56.0 N	Longitude: 129 0.10 W	
deg min.dec	deg min.dec	
Wire out: 56	Wire angle: 20	Bottom Depth: 66
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
92400	92898	Non-flow = pickled
Notes:		



Plankton Net Tow Log Sheet

Cruise #: 201422 Vessel: 1P TULLY Page: 12

Project(s): CS LINE

Contact: MOIRA

TSK Serial #: 7131

Date: 12.09.14	Station: CS18	Time: 1732	(LOCAL)
Net Event # 139	CTD # 138	not UTC	
Latitude: 50 deg 53.00 min.dec N	Longitude: 128 deg 40.08 min.dec W		
Wire out: 75	Wire angle: 5	Bottom Depth: 75	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
92898	93564	Non-flow = pickled	

Notes:

HIT BOTTOM SHELL/SILT DECANTED SAMPLE

Date: 12.09.14	Station: CS06	Time: 1917	(LOCAL)
Net Event # 141	CTD # 140	not UTC	
Latitude: 51 deg 0.02 min.dec N	Longitude: 128 deg 52.27 min.dec W		
Wire out: 60	Wire angle: 15	Bottom Depth: 65	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
93564	94070	Non-flow = pickled	

Notes:

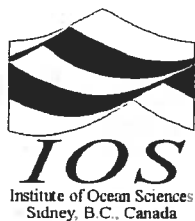
Date: 12.09.14	Station: CS07	Time: 2027	(LOCAL)
Net Event # 143	CTD # 142	not UTC	
Latitude: 51 deg 4.46 min.dec N	Longitude: 128 deg 44.22 min.dec W		
Wire out: 60	Wire angle: 10	Bottom Depth: 64	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
94070	94458	Non-flow = pickled	

Notes:

Date: 12.09.14	Station: CS08	Time: 2143	(LOCAL)
Net Event # 145	CTD # 144	not UTC	
Latitude: 51 deg 08.45 min.dec N	Longitude: 128 deg 36.03 min.dec W		
Wire out: 135	Wire angle: 5	Bottom Depth: 143	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
94458	95354	Non-flow = pickled	

Notes:

SALMON ON SOUNDER



Plankton Net Tow Log Sheet

Cruise #: 2014-22 Vessel: JPTully Page: 13

Project(s): CGLINE Contact: MORA

TSK Serial #: 7131

Date: 12-09-14	Station: C309	Time: 2303 (LOCAL)
Net Event # 147	CTD # 146	not UTC
Latitude: 51 12.53 N	Longitude: 128 28.12 W	
deg min.dec	deg min.dec	
Wire out: 188	Wire angle: 0	Bottom Depth: 194
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
95354	96576	Non-flow = pickled

Notes: SALMON ON SOUNDER

Date: 13 Sept 2014	Station: C510	Time: 0010 (LOCAL)
Net Event # 149	CTD # 148	not UTC
Latitude: 51 16.59 N	Longitude: 128 20.01 W	
deg min.dec	deg min.dec	
Wire out: 169	Wire angle: 18	Bottom Depth: 177
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
96579	97095	Non-flow = pickled

Notes:

Date: 13 09 14	Station: CPE1	Time: 1344 (LOCAL)
Net Event # 155	CTD # 154	not UTC
Latitude: 51 0.00 N	Longitude: 127 50.00 W	
deg min.dec	deg min.dec	
Wire out: 140	Wire angle:	Bottom Depth: 146
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
97095	97898	Non-flow = pickled

Notes: THICK WITH PHYTO HERRING + SALMON ON SOUNDER

Date: 14 Sept 2014	Station: CPF2	Time: 0958 (LOCAL)
Net Event # 160	CTD # 159	not UTC
Latitude: 49 27.88 N	Longitude: 124 29.94 W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 330
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
97900	98168	Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 1422 Vessel: JP Tully Page: 14

Project(s): SoG Contact: Moira

TSK Serial #: 7131

Date: 14 Sept 14	Station: CPF2	Time: 1020 (LOCAL)
Net Event # 161	CTD # 159	not UTC
Latitude: 49° 27.92' N	Longitude: 124° 29.96' W	
deg min.dec	deg min.dec	
Wire out: 325	Wire angle: 0	Bottom Depth: 330
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
98168	99905	Non-flow = pickled

Notes: mud on weights
animals picked from frozen side for SI.

Date: 14 Sept 14	Station: CPF1	Time: 1227 (LOCAL)
Net Event # 163	CTD # 162	not UTC
Latitude: 49° 21.97' N	Longitude: 124° 5.07' W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 245
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
99905	100182	Non-flow = pickled

Notes:

Date: 14 Sept 14	Station: CPF1	Time: 1254 (LOCAL)
Net Event # 164	CTD # 162	not UTC
Latitude: 49° 22.06' N	Longitude: 124° 5.26' W	
deg min.dec	deg min.dec	
Wire out: 240	Wire angle: 0	Bottom Depth: 249
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
182	1485	Non-flow = pickled

Notes: Ryan taken from frozen → pickled side

Date: 14 Sept 14	Station: GEO1	Time: 1506 (LOCAL)
Net Event # 50	CTD # 165	not UTC
Latitude: 49° 15.02' N	Longitude: 123° 44.97' W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 402
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
1484	1756	Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 1422 Vessel: JPTully Page: 15

Project(s): Sog Contact: Moira

TSK Serial #: 7131 RBR serial #: 8010

Time Zone: UTC-7

Note: please record local time if possible

Date: 14 Sep 14	Station: GEO1	Time: 1520	- LOCAL
Net Event #	CTD #		-(UTC)
Latitude: 49 14.98 N	Longitude: 123 45.08 W		
deg min.dec	deg min.dec		
Wire out: 390	Wire angle: 5	Bottom Depth: 401	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
1756	3858	Non-flow = pickled	

Notes:

Date:	Station:	Time:	- LOCAL
Net Event #	CTD #		-(UTC)
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 #		-(UTC)
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 #		-(UTC)
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:



Plankton Net Tow Log Sheet

Cruise #:

Vessel:

Page:

Project(s):

Contact:

TSK Serial #:

RBR serial #:

Time Zone:

Note: please record local time if possible

Date:	Station:	Time:	- LOCAL
Net Event #	CTD #		- (UTC)
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 #		- (UTC)
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 #		- (UTC)
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 #		- (UTC)
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:			