



Plankton Net Tow Log Sheet

Cruise #: 2020-00 Vessel:

Page: 1

Project(s): La Perouse

Contact: MOIRA

TSK Serial #: 7115

RBR serial #: 78976

Time offset = +

hrs = UTC (please record local time for samples)

Date: 22.06.20	Station: E1	Time: 16:33	LOCAL
Net Event # 05	CTD # 06		
Latitude: 48 31.693 N	Longitude: 125 03.720 W		
deg min.dec	deg min.dec		
Wire out: 107	Wire angle: 20	Bottom Depth: 117	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
41450	42085	Non-flow = pickled	

Notes:

Date: 22.06.20	Station: C1	Time: 2002	LOCAL
Net Event # 10	CTD # 9		
Latitude: 48 28.923 N	Longitude: 125 15.276 W		
deg min.dec	deg min.dec		
Wire out: 148	Wire angle: 13	Bottom Depth: 153	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
42085	43079	Non-flow = pickled	

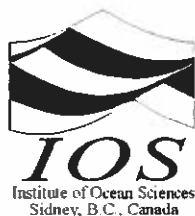
Notes:

Date: 22.06.20	Station: C2	Time:	LOCAL
Net Event # 11	CTD # 12		
Latitude: 48 26.127 N	Longitude: 125 09.244 W		
deg min.dec	deg min.dec		
Wire out: 154	Wire angle: 25	Bottom Depth: 161	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
43079	43830	Non-flow = pickled	

Notes: many sea nettle jellies in surface water while sampling.

Date: 22.06.20	Station: C3	Time: 2222	LOCAL
Net Event # 13	CTD # 14		
Latitude: 48 23.391 N	Longitude: 125 20.747 W		
deg min.dec	deg min.dec		
Wire out: 118	Wire angle: 15	Bottom Depth: 123	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
43830	44863	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020-005 Vessel: Tully Page: 2/
Project(s): La Parouse Contact: MOIRA
TSK Serial #: 7115 RBR serial #:

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

Date: 23.06.20	Station: LB07	Time: 0001	LOCAL
Net Event # 16	CTD # 15		
Latitude: 48° 28.683' N		Longitude: 125° 22.026' W	
deg min.dec		deg min.dec	
Wire out: 153	Wire angle: 15	Bottom Depth: 158	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
44865	46032	Non-flow = pickled	
Notes: CURRENT @ SURFACE DRAGGED NET DEPLOY/RETRIEVE			

Date: 23.06.20	Station: B8	Time: 0140	LOCAL
Net Event # 18	CTD # 17		
Latitude: 48° 34.50' N		Longitude: 125° 30.5' W	
deg min.dec		deg min.dec	
Wire out: 125	Wire angle: 0	Bottom Depth: 131	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
46052	46576	Non-flow = pickled	
Notes:			

Date: 23.06.20	Station: B7	Time: 0231	LOCAL
Net Event # 20	CTD # 21		
Latitude: 48° 31.95' N		Longitude: 125° 35.44' W	
deg min.dec		deg min.dec	
Wire out: 75	Wire angle: 12	Bottom Depth: 81	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
47578	47028	Non-flow = pickled	
Notes: LONG SMALL SQUID MALV? OSMERID → ETOH			

Date: 23.06.20	Station: LB08	Time: 0357	LOCAL
Net Event # 22	CTD # 23		
Latitude: 48° 25.290' N		Longitude: 125° 28.777' W	
deg min.dec		deg min.dec	
Wire out: 160	Wire angle: 34	Bottom Depth: 158	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
47028	48015	Non-flow = pickled	
Notes: SOME SQUID			



Plankton Net Tow Log Sheet

Cruise #: 2020-005 Vessel: Tully Page: 3/

Project(s): LaPocuse Contact:

TSK Serial #: 745 RBR serial #:

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

Date: 23-06-20	Station: LB11	Time: 0756	LOCAL
Net Event # 26	CTD # 27		
Latitude: 48° 15.147' N	Longitude: 125° 47.668' W		
deg min.dec	deg min.dec		
Wire out: 200	Wire angle: 0	Bottom Depth: 208	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
49014	49137	Non-flow = pickled	

Notes:

Date: 23-06-20	Station: LB16	Time: 2212	LOCAL
Net Event # 36	CTD # 35		
Latitude: 48° 00.781' N	Longitude: 126° 16.834' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 1803	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
49137	50290	Non-flow = pickled	

Notes:

Date: 23-06-20	Station: LB16	Time: 22:40	LOCAL
Net Event # 38	CTD # 36		
Latitude: 48° 00.780' N	Longitude: 126° 16.835' W		
deg min.dec	deg min.dec		
Wire out: 50	Wire angle: 0	Bottom Depth: 1781	
Net Type: Mini-Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
12419	12539	Non-flow = pickled	

Notes:

Mini-Bongo TSK 4794

Date: 24-06-20	Station: LC12	Time: 0745	LOCAL
Net Event # 41	CTD # 40		
Latitude: 48° 14.862' N	Longitude: 126° 40.059' W		
deg min.dec	deg min.dec		
Wire out: 50	Wire angle: 7	Bottom Depth: 2545	
Net Type: Mini-Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
12524	12642	Non-flow = pickled	

Notes: Mini TSK 4794



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: STARY Page: 4/
Project(s): 1a Perouse Contact: Moire
TSK Serial #: 7115 RBR serial #:

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

Date: 24-06-20	Station: LC12	Time: 0800	LOCAL
Net Event # 42	CTD # 40		
Latitude: 48° 14.858' N		Longitude: 126° 40.059' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2545	
Net Type: Bongo	Tow Type: VNH		
Flow start 50399	Flow end 51205	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 24-06-20	Station: LC09/A3	Time: 1314	LOCAL
Net Event # 45	CTD # 46		
Latitude: 48° 25.878' N		Longitude: 126° 13.692' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 15°	Bottom Depth: 613	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
51271	53708	Non-flow = pickled	

Notes:

Date: 24-06-20	Station: A2	Time: 1540	LOCAL
Net Event # 48	CTD # 47		
Latitude: 48° 22.703' N		Longitude: 126° 03.799' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 358	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
53708	55915	Non-flow = pickled	

Notes:

Date: 24-06-20	Station: LC08	Time: 1742	LOCAL
Net Event # 49	CTD # 50		
Latitude: 48° 29.436' N		Longitude: 126° 07.144' W	
deg min.dec		deg min.dec	
Wire out: 191	Wire angle: 0	Bottom Depth: 201	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
55915	57865	Non-flow = pickled	

Notes: pulled Jelly from Form side 5cm diameter.
WHAT TYPE? AER 53



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: *Tully* Page: *57*
Project(s): *LaPerouse* Contact: *Morrin*
TSK Serial #: *7115* RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: <i>24-06-20</i>	Station: <i>LC06</i>	Time: <i>2010</i>	LOCAL
Net Event # <i>52</i>	CTD # <i>53</i>		
Latitude: <i>48° 36.346</i> N		Longitude: <i>125° 53.805</i> W	
deg min.dec		deg min.dec	
Wire out: <i>91</i>	Wire angle: <i>0</i>	Bottom Depth: <i>92</i>	
Net Type: <i>Bongo</i>	Tow Type: <i>VNH</i>		
Flow start	Flow end	Flow = frozen	
<i>57865</i>	<i>58579</i>	Non-flow = pickled	

Notes:

Date: <i>24-06-20</i>	Station: <i>LC05</i>	Time: <i>2134</i>	LOCAL
Net Event # <i>55</i>	CTD # <i>54</i>		
Latitude: <i>48 39.885</i> N		Longitude: <i>125 47.428</i> W	
deg min.dec		deg min.dec	
Wire out: <i>54</i>	Wire angle: <i>10</i>	Bottom Depth: <i>64</i>	
Net Type: <i>Bongo</i>	Tow Type: <i>VNH</i>		
Flow start	Flow end	Flow = frozen	
<i>58579</i>	<i>59243</i>	Non-flow = pickled	

Notes:

Date: <i>25-06-20</i>	Station: <i>LC01</i>	Time: <i>8:24</i>	LOCAL
Net Event # <i>60</i>	CTD # <i>59</i>		
Latitude: <i>48 50.45</i> N		Longitude: <i>125 27.88</i> W	
deg min.dec		deg min.dec	
Wire out: <i>50</i>	Wire angle: <i>0</i>	Bottom Depth: <i>98</i>	
Net Type: <i>M Bongo</i>	Tow Type: <i>VNH</i>		
Flow start	Flow end	Flow = frozen	
<i>12748</i>	<i>12809</i>	Non-flow = pickled	

Notes:

M BONGO TSK 4794

Date: <i>26-06-20</i>	Station: <i>P12</i>	Time: <i>0509</i>	LOCAL
Net Event # <i>67</i>	CTD #		
Latitude: <i>48 58.196</i> N		Longitude: <i>130 39.789</i> W	
deg min.dec		deg min.dec	
Wire out: <i>50</i>	Wire angle: <i>0</i>	Bottom Depth: <i>3252</i>	
Net Type: <i>M Bongo</i>	Tow Type: <i>VNH</i>		
Flow start	Flow end	Flow = frozen	
<i>12792</i>	<i>12931</i>	Non-flow = pickled	

Notes:

TSK 4794



Plankton Net Tow Log Sheet

Cruise #: 2020-COS Vessel: Tully Page: 6/
Project(s): TA Release Line Contact: MOIRA
TSK Serial #: 7115 RBR serial #:

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

Date: 26.06.20	Station: P12	Time: 0526	LOCAL
Net Event # 68	CTD #		
Latitude: 48° 58.193' N	Longitude: 130° 39.826' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 3268	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
59255	60215	Non-flow = pickled	

Notes:

Date: 26.06.2020	Station: P8	Time: 2023	LOCAL
Net Event # 73	CTD # 75		
Latitude: 48° 48.951' N	Longitude: 128° 39.938' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 2546	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
60315	61628	Non-flow = pickled	

Notes:

Date: 26.06.2020	Station: P8	Time: 2119	LOCAL
Net Event # 79	CTD # 75		
Latitude: 48° 48.952' N	Longitude: 128° 39.937' W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 0	Bottom Depth: 2546	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
61628	67715	Non-flow = pickled	

Notes: Carinaria japonica in Non flow side CATCH/RELEASE N12CM

Date: 27.06.20	Station: P4	Time: 1147	LOCAL
Net Event # 80	CTD # 82		
Latitude: 48° 39.065' N	Longitude: 126° 40.109' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 05	Bottom Depth: 1331	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
67712	70650	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: TULLY Page: 7/
Project(s): LINE P Contact: MOIRA
TSK Serial #: 7115 RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: 27-06-20	Station: P4	Time: 1236	LOCAL
Net Event # 81	CTD # 82		
Latitude: 48° 39.164' N	Longitude: 126° 40.203' W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 5	Bottom Depth: 1330	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
70650	76508	Non-flow = pickled	
Notes: Kenny read TSK flow end incorrectly. Should be 75508.			

Date: 27-06-20	Station: LD11	Time: 1647	LOCAL
Net Event # 83	CTD # 85		
Latitude: 48° 28.734' N	Longitude: 126° 42.855' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 1610	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
75555	77421	Non-flow = pickled	
Notes:			

Date: 27-06-20	Station: LD11	Time: 2337	LOCAL 1637
Net Event # 84	CTD # 85		
Latitude: 48° 28. N	Longitude: 126° 42. W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 5°	Bottom Depth: 1610	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
77421	85421	Non-flow = pickled	
Notes:			

Date: 28-06-20	Station: LD02/D1	Time: 0209	LOCAL
Net Event # 87	CTD # 88		
Latitude: 48° 58.521' N	Longitude: 125° 47.265' W		
deg min.dec	deg min.dec		
Wire out: 37	Wire angle: 30°	Bottom Depth: 42m	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
85349	85391	Non-flow = pickled	
Notes:			



Plankton Net Tow Log Sheet

Cruise #: 0202005 Vessel: JPTony Page: 8
Project(s): LAPEROUSE Contact: MOIRA
TSK Serial #: 7115 RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: 28.06.20	Station: WS	Time: 0753	LOCAL
Net Event # 91	CTD #		
Latitude: 49 14.21 N	Longitude: 126 05.49 W		
deg min.dec	deg min.dec		
Wire out: 12	Wire angle: 5°	Bottom Depth: 17	
Net Type: M BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
13944	13021	Non-flow = pickled	

Notes: 12944 TSK 4794
could be 39?

Date: 28.06.20	Station: L004	Time: 1238	LOCAL
Net Event # 94	CTD # 95	1938 UTC	
Latitude: 48 53 45 N	Longitude: 125 57.01 W		
deg min.dec	deg min.dec		
Wire out: 51	Wire angle: 5	Bottom Depth: 61	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
86205	96573	Non-flow = pickled	

Notes: Reguorec S2 picked From Flow side WINDY

Date: 29.06.20	Station: LJOZ	Time: 0359	LOCAL
Net Event # 99	CTD # 100		
Latitude: 49 42.668 N	Longitude: 127 05.189 W		
deg min.dec	deg min.dec		
Wire out: 75	Wire angle: 0	Bottom Depth: 82	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end / CHECK THIS	Flow = frozen	
86090	86681	Non-flow = pickled	

Notes: BACKWARD SPIN ON DECK? WINDY

SQUID ALL OVER ~30 → 40CM

Date: 29.06.20	Station: EI	Time: 0647	LOCAL
Net Event # 104	CTD # 103		
Latitude: 49 52.113 N	Longitude: 126 50.825 W		
deg min.dec	deg min.dec		
Wire out: 235	Wire angle: 0	Bottom Depth: 240	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
86680	87230	Non-flow = pickled	

Notes: ESPERANZA INLET



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTULLY Page: 9/
Project(s): 1/2 PGROUSE Contact: MOIRA
TSK Serial #: 7115/7129 RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: 29.06.20	Station: HC	Time: 0951	LOCAL
Net Event # 109	CTD # 108		
Latitude: 49° 51.827' N		Longitude: 126° 44.646' W	
deg min.dec		deg min.dec	
Wire out: 295	Wire angle: 0	Bottom Depth: 292	
Net Type: BONGAO	Tow Type: VNN		
Flow start	Flow end	Flow = frozen	
87231	88815	Non-flow = pickled	

Notes:

Date: 29 JUN 2020	Station: CCN	Time: 1330	LOCAL
Net Event # 111	CTD # 110	2030 UTC	
Latitude: 48° 38.96' N		Longitude: 126° 35.98' W	
deg min.dec		deg min.dec	
Wire out: 158	Wire angle: 0	Bottom Depth: 162	
Net Type: BONGAO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
88815	88185	Non-flow = pickled	

Notes:

3rd digit
LOOSE PIN SWITCHING TO TSK 7129

Date: 29 JUNE 2020	Station: Conception	Time: 1630	LOCAL
Net Event # 116	CTD # 115	2331	
Latitude: 49° 39.25' N		Longitude: 126° 27.84' W	
deg min.dec		deg min.dec	
Wire out: 189	Wire angle: 0	Bottom Depth: 192	
Net Type: BONGAO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
69291	69733	Non-flow = pickled	

Notes: TSK 7129

Date: June 30	Station: LRP7	Time: 1644	LOCAL
Net Event # 121	CTD # 123		
Latitude: 49° 52.376' N		Longitude: 128° 11.208' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2202	
Net Type: BONGAO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
68470	70310	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020-005 Vessel: Tully Page: 10

Project(s): Luperouse Contact: Moira

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 30-06-2020	Station: LBP7	Time: 1735	LOCAL
Net Event # 122	CTD # 123		
Latitude: 49° 52.366' N		Longitude: 128° 11.205' W	
deg min.dec		deg min.dec	
Wire out: 1200	Wire angle: 0	Bottom Depth: 2202	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
70310	78365	Non-flow = pickled	

Notes:

Date: 30JUNE	Station: LBP8	Time:	LOCAL
Net Event # 125	CTD # 126		
Latitude:		Longitude: W	
deg min.dec		deg min.dec	
Wire out: 789	Wire angle: 30°	Bottom Depth: 1296	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
78365	81899	Non-flow = pickled	

Notes: Wire out 289 m to compensate for 300 off lead.
SA Hylaorea picked from frozen side

Date: 01-07-20	Station: LBP3	Time: 0007	LOCAL
Net Event # 128	CTD #		
Latitude: 50° 03.082' N		Longitude: 127° 55.341' W	
deg min.dec		deg min.dec	
Wire out: 170	Wire angle: 15	Bottom Depth: 177	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
80998	82253	Non-flow = pickled	

Notes: LARGE WIRE 20 TO START BONGO SURFING START/FINISH
ROSETTE CANCELLED PETRALS FULMARS

Date: 01-07-20	Station: LBP2	Time: 0053	LOCAL
Net Event # 129	CTD #		
Latitude: 50° 03.946' N		Longitude: 127° 54.202' W	
deg min.dec		deg min.dec	
Wire out: 90	Wire angle: 0	Bottom Depth: 100	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
82254	82941	Non-flow = pickled	

Notes:

CTD CANCELLED SEA LION SQUID
PETRALS FULMARS



Plankton Net Tow Log Sheet

Cruise #: 2020175 Vessel: JPTOLLY Page: 11

Project(s): LAPEROUSE Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 01.07.20	Station: CPE2	Time: 0851	LOCAL
Net Event # 131	CTD # 132		
Latitude: 50° 42.966 N		Longitude: 128° 39.701 W	
deg min.dec		deg min.dec	
Wire out: 122	Wire angle: 20	Bottom Depth: 129	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
82943	83660	Non-flow = pickled	

Notes:

Date: 03.07.20	Station: LG09	Time: 0049	LOCAL
Net Event # 138	CTD # 140		
Latitude: 48° 51.102 N		Longitude: 127° 18.971 W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2076	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
83665	84894	Non-flow = pickled	

Notes:

Date: 03.07.20	Station: LG07	Time: 0727	LOCAL
Net Event # 142	CTD # 143		
Latitude: 48° 59.354 N		Longitude: 127° 06.965 W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 10	Bottom Depth: 1780	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
84894	86046	Non-flow = pickled	

Notes:

Date: 03.07.20	Station: LG04	Time: 1158	LOCAL
Net Event # 146	CTD # 147		
Latitude: 49° 11.295 N		Longitude: 126° 49.232 W	
deg min.dec		deg min.dec	
Wire out: 141	Wire angle: 7	Bottom Depth: 146	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
86045	86810	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 202005 Vessel: JPTULLY Page: 12

Project(s): LA PEROUSE Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 03-07-2020	Station: LG02	Time: 1411 LOCAL
Net Event # 149	CTD # 150	
Latitude: 49° 18.741' N	Longitude: 126° 38.199' W	
deg min.dec	deg min.dec	
Wire out: 96	Wire angle: 15	Bottom Depth: 101
Net Type: BONGO	Tow Type: VN14	
Flow start	Flow end	Flow = frozen
86810	87540	Non-flow = pickled

Notes: 52 Reguonea picked from FORM. SITE.
Two 500ml jars & TUB Bags frozen.

Date: 03-07-2020	Station: LG01	Time: 1532 LOCAL
Net Event # 152	CTD # 151	
Latitude: 49° 20.530' N	Longitude: 126° 35.346' W	
deg min.dec	deg min.dec	
Wire out: 48	Wire angle: 5	Bottom Depth: 56
Net Type: Mini	Tow Type: VN4	
Flow start	Flow end	Flow = frozen
13850	13950	Non-flow = pickled

Notes: PREVIOUS READING 13021 TSK 4794

Date: 03-07-2020	Station: LJO1	Time: 1912 LOCAL
Net Event # 154	CTD # 153	
Latitude: 49° 44.489' N	Longitude: 127° 02:56.5' W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 60
Net Type: Bongo	Tow Type: VN14	
Flow start	Flow end	Flow = frozen
13949	13960	Non-flow = pickled

Notes: Both HS and KS confirmed flow start. Flow end was difficult to mistake so we suspect TSK malfunction.
Mini bongo

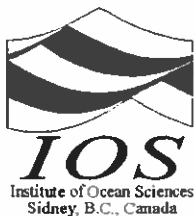
Date: 03-07-2020	Station: LJO2	Time: 1948 LOCAL
Net Event # 155	CTD # 156	
Latitude: 49° 42.680' N	Longitude: 127° 05.327' W	
deg min.dec	deg min.dec	
Wire out: 77	Wire angle: 18	Bottom Depth: 82
Net Type: Bongo	Tow Type: VN14	
Flow start	Flow end	Flow = frozen
87538	88007	Non-flow = pickled

Notes:

MINI

MINI

SUSPECT END ?
READING 14060
WILL CHECK IN DAYLIGHT



Plankton Net Tow Log Sheet

Cruise #: 2020-005 Vessel: JPTully Page: 13

Project(s): LAPEROUSE Contact: PLOIRA

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 03.07.20	Station: L3 OH	Time: 2212	LOCAL
Net Event # 158	CTD # 159		
Latitude: 49° 35.512' N		Longitude: 127° 16.943' W	
deg min.dec		deg min.dec	
Wire out: 158	Wire angle: 15	Bottom Depth: 163	
Net Type: BUNGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
88007	89990	Non-flow = pickled	

Notes:

Date: 04.07.20	Station: L306	Time: 0108	LOCAL
Net Event # 161	CTD # 162		
Latitude: 49° 27.873' N		Longitude: 127° 28.478' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 8	Bottom Depth: 1083	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
89990	90455?	Non-flow = pickled	

Notes:

Date: 04.07.20	Station: L308	Time: 0437	LOCAL
Net Event # 164	CTD # 165		
Latitude: 49° 19.945' N		Longitude: 127° 40.785' W	
deg min.dec		deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 1750	
Net Type: M BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
13960	13975?	Non-flow = pickled	

Notes: TSK 4794

THICK W PLYSTO

Date: 04.07.20	Station: L309	Time: 0650	LOCAL
Net Event #	CTD #		
Latitude: 49° 16.171' N		Longitude: 127° 47.297' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2282	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
90460	91587	Non-flow = pickled	

Notes:

HUMBACK PLAYING WITH TULLY ~ 10M WITH ESCORTS
REMOVE 1 ACQ MOM?



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTULLY Page: 14
Project(s): LA PEROUSE Contact: MOIRA
TSK Serial #: 7129 RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: 05.07.20	Station: LQ03	Time: 0037	LOCAL
Net Event # 172	CTD # 171		
Latitude: 50° 39.635 N	Longitude: 129° 01.831 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 17	Bottom Depth: 1254	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
91586	9350	Non-flow = pickled	

Notes:

Date: 05.07.20	Station: J122	Time: 0302	LOCAL
Net Event # 174	CTD # 173		
Latitude: 50° 39.806 N	Longitude: 129° 17.307 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 11	Bottom Depth: 1271	
Net Type: Bongo	Tow Type: VNH		
Flow start 9349	Flow end 9443	Flow = frozen	
		Non-flow = pickled	

Notes: SEAL LIONS

Date: 05.07.20	Station: C500	Time: 0612	LOCAL
Net Event # 175	CTD # 177		
Latitude: 50° 27.725 N	Longitude: 129° 54.982 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 2198	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
94442	95081	Non-flow = pickled	

Notes: PORPOISES

Date: 05.07.20	Station: C501	Time: 1238	LOCAL
Net Event # 180	CTD # 179		
Latitude: 50° 38.22 N	Longitude: 129° 42.06 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 2129	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
95081	96071	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: SP Tully Page: 15
 Project(s): La Perouse Contact: MOIRA
 TSK Serial #: 7121 RBR serial #:

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

Date: <u>05/07/2020</u>	Station: <u>C502</u>	Time: <u>1411</u>	LOCAL
Net Event # <u>181</u>	CTD # <u>182</u>		
Latitude: <u>50° 41.256' N</u>	Longitude: <u>129° 27.750' W</u>		
deg min.dec	deg min.dec		
Wire out: <u>250</u>	Wire angle: <u>45</u>	Bottom Depth: <u>1921</u>	
Net Type: <u>BONCO</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>96071</u>	<u>96859</u>	Non-flow = pickled	

Notes:

Date: <u>05/07/2020</u>	Station: <u>C503</u>	Time: <u>1720</u>	LOCAL
Net Event # <u>184</u>	CTD # <u>183</u>		
Latitude: <u>50° 45.442' N</u>	Longitude: <u>129° 20.206' W</u>		
deg min.dec	deg min.dec		
Wire out: <u>244</u>	Wire angle: <u>0</u>	Bottom Depth: <u>249</u>	
Net Type: <u>BONCO</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>96859</u>	<u>97820</u>	Non-flow = pickled	

Notes:

Date: <u>05 JULY 2020</u>	Station: <u>C504</u>	Time: <u>1820</u>	LOCAL
Net Event # <u>185</u>	CTD # <u>186</u>		
Latitude: <u>50° 49.292' N</u>	Longitude: <u>129° 13.116' W</u>		
deg min.dec	deg min.dec		
Wire out: <u>90</u>	Wire angle: <u>0</u>	Bottom Depth: <u>96</u>	
Net Type: <u>BONCO</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>97820</u>	<u>98255</u>	Non-flow = pickled	

Notes: Pulled From Frozen into Form. Goose Neck

Date: <u>05 June 2020</u>	Station: <u>C53B</u>	Time: <u>2017</u>	LOCAL
Net Event # <u>187</u>	CTD # <u>188</u>		
Latitude: <u>51° 00.112' N</u>	Longitude: <u>129 27.011' W</u>		
deg min.dec	deg min.dec		
Wire out: <u>218</u>	Wire angle: <u>05</u>	Bottom Depth: <u>223</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>98245</u>	<u>99260</u>	Non-flow = pickled	

Notes: Pulled From Frozen into Form. Long Flat Fish.



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTOLY Page: 16

Project(s): LAPEROUSE Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

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

Date: 05 JUN 2000	Station: C505	Time: 2251	LOCAL
Net Event # 189	CTD # 190		
Latitude: 50° 56' 15" N	Longitude: 128° 59' 23" W		
deg min.dec	deg min.dec		
Wire out: 80°	Wire angle: 45°	Bottom Depth: 65	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
99260	00285	Non-flow = pickled	

Notes: * V. strong surface current

Date: 06-07-20	Station: C513	Time: 0053	LOCAL
Net Event #	CTD #		
Latitude: 50° 53' 007" N	Longitude: 128° 39' 834" W		
deg min.dec	deg min.dec		
Wire out: 268	Wire angle: 16	Bottom Depth: 78	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
287	618	Non-flow = pickled	

Notes: CURRENT @ SURFACE

Date: 06-07-20	Station: C506	Time: 0226	LOCAL
Net Event # 193	CTD # 194		
Latitude: 51° 0' 032" N	Longitude: 128° 51' 856" W		
deg min.dec	deg min.dec		
Wire out: 62	Wire angle: 5	Bottom Depth: 67	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
618	844	Non-flow = pickled	

Notes:

Date: 06-07-20	Station: C507	Time: 0356	LOCAL
Net Event # 196	CTD # 195		
Latitude: 51° 04' 557" N	Longitude: 128° 44' 403" W		
deg min.dec	deg min.dec		
Wire out: 660	Wire angle: 0.47	Bottom Depth: 65	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
844	1039	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTULLY Page: 17

Project(s): LAPERDUSE Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 06.07.20	Station: C508	Time: 0555	LOCAL
Net Event # 197	CTD # 198		
Latitude: 51° 8' N	Longitude: 128° 36' W		
deg min.dec	deg min.dec		
Wire out: 140	Wire angle: 17	Bottom Depth: 145	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
1039	1565	Non-flow = pickled	

Notes:

Date: 06.07.20	Station: C509	Time: 0605	LOCAL
Net Event # 199	CTD # 200		
Latitude: 51° 12.560' N	Longitude: 128° 28.275' W		
deg min.dec	deg min.dec		
Wire out: 190	Wire angle: 0	Bottom Depth: 195	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
1565	2026	Non-flow = pickled	

Notes:

Date: 06.07.20	Station: C510	Time: 0729	LOCAL
Net Event # 201	CTD # 201		
Latitude: 51° 16.640' N	Longitude: 128° 20.155' W		
deg min.dec	deg min.dec		
Wire out: 75	Wire angle: 0	Bottom Depth: 80	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
2026	2229	Non-flow = pickled	

Notes:

Date: 06.07.20	Station: C57	Time: 1945	LOCAL
Net Event # 205	CTD # 206		
Latitude: 51° 24.753' N	Longitude: 127° 47.812' W		
deg min.dec	deg min.dec		
Wire out: 118	Wire angle: 5	Bottom Depth: 123	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
2229	2515	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020-05 Vessel: JPTUNNY Page: 18

Project(s): LaPerouse Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

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

Date: 06 07 20	Station: SST	Time: 2015	LOCAL
Net Event # 207	CTD #		
Latitude: 51° 24.703' N	Longitude: 127° 47.871' W		
deg min.dec	deg min.dec		
Wire out: 118	Wire angle: 5	Bottom Depth: 122	
Net Type: MB080	Tow Type: VNH		
Flow start 13148	Flow end 13283	Flow = frozen	
2515	3183	Non-flow = pickled	

Notes: TSK 4794

Date: 06 07 2020	Station: SS5	Time: 0014	LOCAL
Net Event # 210	CTD # 209		
Latitude: 51° 27.974' N	Longitude: 128° 29.915' W		
deg min.dec	deg min.dec		
Wire out: 198	Wire angle: 0	Bottom Depth: 203	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
2515	3198	Non-flow = pickled	

Notes:

Date: 07 07 2020	Station: SS3	Time: 0450	LOCAL
Net Event # 213	CTD # 212		
Latitude: 51° 15.193' N	Longitude: 129° 21.172' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 8	Bottom Depth: 294	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
3196	4226	Non-flow = pickled	

Notes:

Date: 07 07 20	Station: SS1	Time: 0831	LOCAL
Net Event # 216	CTD # 215		
Latitude: 51° 12.254' N	Longitude: 129° 59.914' W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 10	Bottom Depth: 488	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
4227	5218	Non-flow = pickled	

Notes:

THICK W RHOZO



Plankton Net Tow Log Sheet

Cruise #: 3020005 Vessel: JPTULLY Page: 19

Project(s): LAPEROUSE Contact: MOIRA

TSK Serial #: 7129 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 07.07.20	Station: NODAS	Time: 1102 LOCAL
Net Event # 219	CTD # 218	
Latitude: 50° 56.404 N	Longitude: 129° 58.722 W	
deg min.dec	deg min.dec	
Wire out: 250	Wire angle: 7	Bottom Depth: 2130
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
5816	5841?	Non-flow = pickled

Notes:

THICK WITH RAIZO THINK THE NET IS CLOGGING + TSK NOT ROTATING

Date: 07.07.20	Station: NODAS	Time: 1114 LOCAL
Net Event # 220	CTD # 218	
Latitude: 50° 56.402 N	Longitude: 129° 58.708 W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle: 0	Bottom Depth: 2130
Net Type: M. BONGO	Tow Type: VNH	
Flow start 13185	Flow end 13186?	Flow = frozen
		Non-flow = pickled

Notes: TSK 4794

Date: June 7 2020	Station: CPEL	Time: 2012 LOCAL
Net Event # 221	CTD # 222	
Latitude: 57° 50.088 N	Longitude: 127° 49.011 W	
deg min.dec	deg min.dec	
Wire out: 137	Wire angle: 0	Bottom Depth: 142
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
5841	6150	Non-flow = pickled

Notes:

Date: 08.07.20	Station: JS	Time: 0311 LOCAL
Net Event # 224	CTD # 225	
Latitude: 50° 29.840 N	Longitude: 126° 28.561 W	
deg min.dec	deg min.dec	
Wire out: 401	Wire angle: 6	Bottom Depth: 408
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
6151	7271?	Non-flow = pickled

Notes: SEEMS LOW

TRADED FLOWMETERS OUT

7115 → AND 7129 INTO SPAK

WATERBURY ALL PLANK WITH A DIVERGENT F.T



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTOLLY Page: 00
 Project(s): LERVIS Contact: MOIRA
 TSK Serial #: 7115 RBR serial #: 78976
 Time offset = + hrs = UTC (please record local time for samples)

Rails follow?

Date: 08 JUN 2000	Station: 14	Time: 1637	LOCAL
Net Event # 228	CTD # 229		
Latitude: 49° 53.114' N		Longitude: 124° 59.640' W	
deg min.dec		deg min.dec	
Wire out: 311	Wire angle: 0	Bottom Depth: 316	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
00515	01258	Non-flow = pickled	
Notes: NEW TSK - 4th digit was ambiguous however took photos. looked like it had crossed over but it clearly hadn't.			

Date: 08 07 2000	Station: 12	Time: 2019	LOCAL
Net Event # 231	CTD # 232		
Latitude: 49° 43.686 N		Longitude: 124° 41.077 W	
deg min.dec		deg min.dec	
Wire out: 354	Wire angle: 3	Bottom Depth: 359	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
01258	02155	Non-flow = pickled	
Notes:			

Date: 09.07.20	Station: J15	Time: 0219	LOCAL
Net Event # 236	CTD # 237		
Latitude: 49° 47.779 N		Longitude: 124° 01.970 W	
deg min.dec		deg min.dec	
Wire out: 660	Wire angle: 0	Bottom Depth: 660	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
2153	4695	Non-flow = pickled	
Notes:			

Date: 09.07.20	Station: J17	Time: 0431	LOCAL
Net Event # 238	CTD # 239		
Latitude: 49° 50.695 N		Longitude: 123° 53.946 W	
deg min.dec		deg min.dec	
Wire out: 670	Wire angle: 20	Bottom Depth: 680	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
4695	6696	Non-flow = pickled	
Notes:			



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: JPTOLY Page: 21

Project(s): JERVIS/SOG Contact: MOIRA

TSK Serial #: 7115 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 09.07.20	Station: J12	Time: 0820	LOCAL
Net Event # 242	CTD # 243		
Latitude: 49° 45.804 N		Longitude: 124° 14.414 W	
deg min.dec		deg min.dec	
Wire out: 345	Wire angle: 0	Bottom Depth: 350	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
6694	7542	Non-flow = pickled	

Notes:

Date: 09.07.20	Station: 22	Time: 09	LOCAL
Net Event # 244	CTD # 245		
Latitude: 49° 40.229 N		Longitude: 124° 16.369 W	
deg min.dec		deg min.dec	
Wire out: 350	Wire angle: 0	Bottom Depth: 356	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
7543	8588	Non-flow = pickled	

Notes:

Released Ape fish : (

Date: 09.07.20	Station: 24	Time: 1208	LOCAL
Net Event # 247	CTD # 248		
Latitude: 49° 30.321 N		Longitude: 124° 05.570 W	
deg min.dec		deg min.dec	
Wire out: 380	Wire angle: 20	Bottom Depth: 413 / 386 see note	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
8388	9471	Non-flow = pickled	

Notes:

Slide up the slope during down cast

Date: 09.07.20	Station: CPF2	Time: 1800	LOCAL
Net Event # 252	CTD # 251		
Latitude: 49° 28.085 N		Longitude: 124° 29.922 W	
deg min.dec		deg min.dec	
Wire out: 348	Wire angle: 5	Bottom Depth: 328 (was 353...)	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
77701	78738	Non-flow = pickled	

Notes:

7132 Changed TSK For spare on extra bongo.
- Not sure why Sander read 353 but wire out was 348
with no. mud. sample looked v. good



Plankton Net Tow Log Sheet

Cruise #: 2020-005 Vessel: JPTU114 Page: 22

Project(s): Job Release Contact: MOIRA

TSK Serial #: 7132 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 09.07.2020	Station: BS-11	Time: 1932	LOCAL
Net Event # 253	CTD # 254		
Latitude: 49 29.040' N	Longitude: 124 46.008' W		
deg min.dec	deg min.dec		
Wire out: 56	Wire angle: 0	Bottom Depth: 62	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
78738	78875	Non-flow = pickled	

Notes:

THICK PHYTO

Date: 10.07.2020	Station: LPI	Time: 0014	LOCAL
Net Event # 255	CTD # 257		
Latitude: 49 22.059' N	Longitude: 124 5.131' W		
deg min.dec	deg min.dec		
Wire out: 245	Wire angle: 15	Bottom Depth: 250	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
78842	(79502)?	Non-flow = pickled	

Notes:

CHANGE BONGO FRAMES SAME FLOWMETER

Date: 10.07.2020	Station: GEO1	Time: 0253	LOCAL
Net Event # 260	CTD # 263		
Latitude: 49 15.076' N	Longitude: 123 45.028' W		
deg min.dec	deg min.dec		
Wire out: 406	Wire angle:	Bottom Depth: 406	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
79536	80938	Non-flow = pickled	

Notes:

Still low ?

Date: 10.07.2020	Station: GEO1	Time: 0309	LOCAL
Net Event # 262	CTD # 263		
Latitude: 49 15.073' N	Longitude: 123 45.015' W		
deg min.dec	deg min.dec		
Wire out: 50	Wire angle: 0	Bottom Depth: 406	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
13188	13282	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2020005 Vessel: *SP TULLY* Page: 23

Project(s): 4794 Contact: *MAIRA*

TSK Serial #: 7132 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 10.07.20 Station: VAN6 Time: 1011 LOCAL

Net Event # 268 CTD # 269

Latitude: 49° 17.885 N Longitude: 122° 58.860 W
deg min.dec deg min.dec

Wire out: 60 Wire angle: 5 Bottom Depth: 66

Net Type: *BONGO* Tow Type: *VNH*

Flow start Flow end Flow = frozen

80935 81100 Non-flow = pickled

Notes: TSK #2 Serial # 4794 Flow = 13284, end = 13452
start

Date: 10.07.2020 Station: INDH Time: 1421 LOCAL

Net Event # 274 CTD # 275

Latitude: 49° 23.292 N Longitude: 122° 52.500 W
deg min.dec deg min.dec

Wire out: 278 Wire angle: 0 Bottom Depth: 223

Net Type: *BONGO* Tow Type: *VNH*

Flow start Flow end Flow = frozen

81100 81659 Non-flow = pickled

Notes: TSK: 4794 (Green) 13452 end: 14890 lots of jelly tatters in Red flow. picked 3 sz Regu from Farm side

Date: 11.07.20 Station: VAN1 Time: 0808 LOCAL

Net Event # 281 CTD # 282

Latitude: 49° 18.861 N Longitude: 123° 15.661 W
deg min.dec deg min.dec

Wire out: 105 Wire angle: 25 Bottom Depth: 110

Net Type: *BON160* Tow Type: *VNH*

Flow start Flow end Flow = frozen

81668 82126 Non-flow = pickled

Notes: TSK #4794 start = 13890; end = 14910
(Green)

Date: 11.07.2020 Station: 42 Time: 1312 LOCAL

Net Event # 287 CTD # 288

Latitude: 49° 01.651 N Longitude: 123° 26.156 W
deg min.dec deg min.dec

Wire out: 318 Wire angle: 0 Bottom Depth: 322

Net Type: *BON160* Tow Type: *VNH*

Flow start Flow end Flow = frozen

82126 83091 Non-flow = pickled

Notes: #4794: 14910 - 15438



Plankton Net Tow Log Sheet

Cruise #: 200005 Vessel: Tully Page: 24
Project(s): SoG Contact: Morice
TSK Serial #: 7132 RBR serial #:
Time offset = + hrs = UTC (please record local time for samples)

Date: <u>July 11/2020</u>	Station: <u>46</u>	Time: <u>1545</u>	LOCAL
Net Event # <u>289</u>	CTD # <u>290</u>		
Latitude: <u>48° 51.356</u> N		Longitude: <u>123. 10.799</u> W	
deg min dec		deg min dec	
Wire out: <u>176</u>	Wire angle: <u>0</u>	Bottom Depth: <u>181</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>830991</u>	<u>83499</u>	Non-flow = pickled	

Notes: 4794 15335 - 16960

Date: <u>11 JULY</u>	Station: <u>GC04</u>	Time: <u>1934</u>	LOCAL
Net Event # <u>292</u>	CTD # <u>293</u>		
Latitude: <u>48 43.46</u> N		Longitude: <u>123 25.25</u> W	
deg min dec		deg min dec	
Wire out: <u>100</u>	Wire angle: <u>3</u>	Bottom Depth: <u>105</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>83499</u>	<u>83789</u> <u>0. - 290</u>	Non-flow = pickled	

Notes: 16959 17189 dif = 230

Date: <u>11 July 2020</u>	Station: <u>59</u>	Time: <u>2130</u>	LOCAL
Net Event # <u>294</u>	CTD # <u>295</u>		
Latitude: <u>48° 37.141</u> N		Longitude: <u>123° 14.772</u> W	
deg min dec		deg min dec	
Wire out: <u>220</u>	Wire angle: <u>5</u>	Bottom Depth: <u>225</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start	Flow end	Flow = frozen	
<u>83789</u>	<u>84615</u>	Non-flow = pickled	

Notes: 17189 - 17680

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