



Plankton Net Tow Log Sheet

Cruise #: 2022-002 Vessel: KANLIN Page: 1

Project(s): 145 Contact: CHSBA

TSK Serial #: 006651 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 2022-02-22 Station: 50-135 Time: 10:51 LOCAL

Net Event # 007 CTD # 008

Latitude: 50 01.45 N Longitude: 134 59.85 W
deg min.dec deg min.dec

Wire out: 300 Wire angle: 5 Bottom Depth: 3478

Net Type: BOWL Net Tow Type: VNH

Flow start 1325 Flow end 1447 Flow = frozen

Non-flow = pickled 520 fractions

Notes:

for Hunt

Date: 2022-02-22 Station: 49-135 Time: 1911 LOCAL

Net Event # 10 CTD # 12

Latitude: 49 02.52 N Longitude: 135 00.14 W
deg min.dec deg min.dec

Wire out: 300 Wire angle: Bottom Depth: 3007

Net Type: BOWL Net Tow Type: VNH

Flow start 1447 Flow end 1669 Flow = frozen SF

Non-flow = pickled

Notes:

Date: 2022-02-23 Station: 48-135 Time: 0549 LOCAL

Net Event # 15 CTD # 16

Latitude: 48 02.73 N Longitude: 135 00.09 W
deg min.dec deg min.dec

Wire out: 300 Wire angle: Bottom Depth: 3888

Net Type: BOWL Net Tow Type: VNH

Flow start 1659 Flow end 1886 Flow = frozen SF

Non-flow = pickled

Notes:

Date: 2022-02-23 Station: 47-135 Time: 1353 LOCAL

Net Event # 18 CTD # 20

Latitude: 47 03.48 N Longitude: 134 59.98 W
deg min.dec deg min.dec

Wire out: 300 Wire angle: 5 Bottom Depth: 3033

Net Type: BOWL Net Tow Type: VNH

Flow start 1886 Flow end 2079 Flow = frozen

Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022-02 Vessel: FRANKLIN Page: 2

Project(s): 148 Contact: C. NEWDA

TSK Serial #: 00651 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 2022-02-24	Station: 47-138	Time: 0527	LOCAL
Net Event # 23	CTD # 24		
Latitude: 46 56.05 N	Longitude: 137 58.49 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 5	Bottom Depth: 3714	
Net Type: BOWLO	Tow Type: VNI		
Flow start 20803	Flow end 21995	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-02-24	Station: 48-138	Time: 1409	LOCAL
Net Event # 27	CTD # 29		
Latitude: 47 56.19 N	Longitude: 137 59.88 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 5	Bottom Depth: 3544	
Net Type: BOWLO	Tow Type: VNI		
Flow start 21995	Flow end 22408	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-02-24	Station: 49-138	Time: 0617	LOCAL
Net Event # 30	CTD # 32		
Latitude: 48 55.99 N	Longitude: 138 00.52 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 6	Bottom Depth: 3553	
Net Type: BOWLO	Tow Type: VNI		
Flow start 21407	Flow end 22108	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-02-24	Station: 50-138	Time: 1621	LOCAL
Net Event # 34	CTD # 36		
Latitude: 49 54.94 N	Longitude: 137 54.07 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 4	Bottom Depth: 3770	
Net Type: BOWLO	Tow Type: VNI		
Flow start 22108	Flow end 22461	Flow = frozen	
		Non-flow = pickled	

Notes: - Rope caught in flow meter
↳ flow incorrect



Plankton Net Tow Log Sheet

Cruise #: 2022-02-27 Vessel: FRANKLIN Page: 3

Project(s): 145 Contact: CHESA

TSK Serial #: 00651 RBR serial #: 79108

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

Date: 2022-02-27	Station: 50-141	Time: 0856	LOCAL
Net Event # 39	CTD # 40		
Latitude: 50 05 31 N	Longitude: 141 00 85 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 6	Bottom Depth: 3603	
Net Type: BONGO	Tow Type: VNH		
Flow start 2245	Flow end 2279	Flow = frozen	
		Non-flow = pickled	

Notes: String caught in flow again. Removed string this time.

Date: 2022-02-27	Station: 49-141	Time: 1650	LOCAL
Net Event # 42	CTD # 44		
Latitude: 49 04.2 N	Longitude: 140 59.95 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 0	Bottom Depth: 3322	
Net Type: BONGO	Tow Type: VNH		
Flow start 22788	Flow end 25079	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-02-28	Station: 48-141	Time: 0808	LOCAL
Net Event # 47	CTD # 48		
Latitude: 48 05.48 N	Longitude: 140 57 92 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 4	Bottom Depth:	
Net Type: BONGO	Tow Type: VNH		
Flow start 25079	Flow end 27211	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-03-01	Station: 46-144	Time: 0758	LOCAL
Net Event # 51	CTD # 53		
Latitude: 46 04.26 N	Longitude: 144 00 04 W		
deg min.dec	deg min.dec		
Wire out: 346	Wire angle: 0	Bottom Depth: 4287	
Net Type: BONGO	Tow Type: VNH		
Flow start 27305	Flow end 30180	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022-002 Vessel: FRANKLIN Page: 4

Project(s): 145

Contact: CREWEN

TSK Serial #: 00651

RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 2022-03-01	Station: 47-144	Time: 1859	LOCAL
Net Event # 57	CTD # 58		
Latitude: 46 56.58 N		Longitude: 144 01 07 W	
deg min.dec		deg min.dec	
Wire out: 300	Wire angle: 0	Bottom Depth: 4113	
Net Type: BOW	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
30181	32310	Non-flow = pickled	

Notes:

Date: 2022-03-02	Station: 48-144	Time: 0720	LOCAL
Net Event # 60	CTD # 62		
Latitude: 41 55.76 N		Longitude: 143 59.99 W	
deg min.dec		deg min.dec	
Wire out: 300	Wire angle: 0	Bottom Depth: 4604	
Net Type: BOW	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
32310	34103	Non-flow = pickled	

Notes:

Date: 2022-03-02	Station: 49-144	Time: 1624	LOCAL
Net Event # 64	CTD # 66		
Latitude: 48 56 00 N		Longitude: 143 59 48 W	
deg min.dec		deg min.dec	
Wire out: 300	Wire angle: 0	Bottom Depth: 4194	
Net Type: BOW	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
34000	35999	Non-flow = pickled	

Notes:

Date: 2022-03-03	Station: 51-144	Time: 2058	LOCAL
Net Event # 67	CTD # 68		
Latitude: 50 59 13 N		Longitude: 141 07 83 W	
deg min.dec		deg min.dec	
Wire out: 300	Wire angle: 0	Bottom Depth: 4266	
Net Type: BOW	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
36099	38295	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022-02 Vessel: FRANKLIN Page: 5

Project(s): MS

Contact: C. B. S. A.

TSK Serial #: 006651

RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 2022-03-04	Station: S2-141	Time: 0714	LOCAL
Net Event # 70	CTD # 72		
Latitude: 51 55.33 N	Longitude: 140 59.99 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 0	Bottom Depth: 4219	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
38295	40852	Non-flow = pickled	

Notes:

Date: 2022-03-04	Station: S3-141	Time: 1715	LOCAL
Net Event # 75	CTD # 76		
Latitude: 52 55.56 N	Longitude: 140 58.45 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 0	Bottom Depth: 4206	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 2022-03-05	Station: S3-138	Time: 0706	LOCAL
Net Event # 78	CTD # 80		
Latitude: 53 00.01 N	Longitude: 138 06.13 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 0	Bottom Depth: 4458	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
43088	45243	Non-flow = pickled	

Notes:

Date: 2022-03-05	Station: S2-138	Time: 1826	LOCAL
Net Event # 83	CTD # 84		
Latitude: 51 57.30 N	Longitude: 138 03.24 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle:	Bottom Depth:	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
45245	47547	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022-03-06 Vessel: FRANKLIN Page: 6

Project(s): MS

Contact: CHESA

TSK Serial #: 00651

RBR serial #: 79108

Time offset = +8

hrs = UTC (please record local time for samples)

Date: 2022-03-06	Station: S2-135	Time: 0707	LOCAL
Net Event # 86	CTD # 88		
Latitude: 51 58 23 N	Longitude: 135 03 72 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 8	Bottom Depth: 4666	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
47547	48917	Non-flow = pickled	

Notes:

Date: 2022-03-06	Station: S1-135	Time: 1424	LOCAL
Net Event # 91	CTD # 92		
Latitude: 50 57 39 N	Longitude: 135 05 83 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 8	Bottom Depth: 4126	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
48919	50655	Non-flow = pickled	

Notes:

Date: 2022-03-09	Station: 53-135	Time: 2235	LOCAL
Net Event # 94	CTD # 96	13454.28	
Latitude: 52 58.34 N	Longitude: 134 54.28 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 2	Bottom Depth: 2492	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen	
63191	65867	Non-flow = pickled	

Notes:

Date: 2022-03-10	Station: 55-138	Time: 1500	LOCAL
Net Event # 99	CTD # 100		
Latitude: 54 55.8 N	Longitude: 137 56.27 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 3	Bottom Depth: 3127	
Net Type: Bongo	Tow Type: VH		
Flow start	Flow end	Flow = frozen	
65868	67755	Non-flow = pickled	

Notes:

Start of leg 2



Plankton Net Tow Log Sheet

Cruise #: 2022-002 Vessel: Franken Page: 7

Project(s): 1YS Contact: Cindy

TSK Serial #: 00651 RBR serial #: 79108

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

Date: <u>2022-03-</u>	Station: <u>54-138</u>	Time: <u>01:21</u>	LOCAL
Net Event # <u>103</u>	CTD # <u>105</u>		
Latitude: <u>53 57.7</u> N		Longitude: <u>138 05.26</u> W	
deg min.dec		deg min.dec	
Wire out: <u>300</u>	Wire angle: <u>5</u>	Bottom Depth: <u>3345</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VH</u>		
Flow start	Flow end	Flow = frozen <u>size fraction</u>	
<u>67755</u>	<u>69608</u>	Non-flow = pickled ☒	

Notes:

Date: <u>Mar 11/22</u>	Station: <u>54-141</u>	Time: <u>1549</u>	LOCAL
Net Event # <u>108</u>	CTD # <u>109</u>		
Latitude: <u>53 58.18</u> N		Longitude: <u>141 4.72</u> W	
deg min.dec		deg min.dec	
Wire out: <u>300</u>	Wire angle: <u>5</u>	Bottom Depth: <u>3732</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VH</u>		
Flow start	Flow end	Flow = frozen <u>size fraction</u>	
<u>67755</u>	<u>69608</u>	Non-flow = pickled ☒	

Notes:

Date: <u>Mar 12/22</u>	Station: <u>55-141</u>	Time: <u>0715</u>	LOCAL
Net Event # <u>111</u>	CTD # <u>113</u>		
Latitude: <u>54 57.11</u> N		Longitude: <u>141 0.78</u> W	
deg min.dec		deg min.dec	
Wire out: <u>300</u>	Wire angle: <u>6</u>	Bottom Depth: <u>3300</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VH</u>		
Flow start	Flow end	Flow = frozen <u>size fraction</u>	
<u>71335</u>	<u>74705</u>	Non-flow = pickled	

Notes:

Date: <u>March 12/22</u>	Station: <u>56-141</u>	Time: <u>1829</u>	LOCAL
Net Event # <u>116</u>	CTD # <u>117</u>		
Latitude: <u>55 56.25</u> N		Longitude: <u>140 55.11</u> W	
deg min.dec		deg min.dec	
Wire out: <u>300</u>	Wire angle: <u>100</u>	Bottom Depth: <u>3670</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VH</u>		
Flow start	Flow end	Flow = frozen <u>size fraction</u>	
<u>74707</u>	<u>76159</u>	Non-flow = pickled ☒	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022-002 Vessel: Frank R. Page: 8

Project(s): 1YS 2022 Contact: Wright

TSK Serial #: 00657 RBR serial #: 79108

Time offset = +

hrs = UTC (please record local time for samples)

Changed
to PDT
clocks

Date: March 13/22	Station: 57-141	Time: 0578	LOCAL
Net Event # 119	CTD # 121		
Latitude: 56 55.99 N	Longitude: 140 58.73 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 6	Bottom Depth: 3320	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	size fresh
7741	79985	Non-flow = pickled	

Notes: 76160

Date: March 14/22	Station: 57144	Time: 0908	LOCAL
Net Event # 122	CTD # 124		
Latitude: 57 0.28 N	Longitude: 143 52.65 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 70	Bottom Depth: 3732	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	✓ 55-
78693	81640	Non-flow = pickled	✓

Notes:

Date: March 14/22	Station: 56144	Time: 2129	LOCAL
Net Event # 129	CTD # 130		
Latitude: 55 58.43 N	Longitude: 144 0.7 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 5	Bottom Depth: 3164	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	
81641	84210	Non-flow = pickled	

Notes:

Date: March 15/22	Station: 54-144	Time: 0335	LOCAL
Net Event # 131	CTD # 133		
Latitude: 55 2.62 N	Longitude: 144 2.1 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 20	Bottom Depth: 3243	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	S-f
84210	85830	Non-flow = pickled	✓

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2022002 Vessel: Franklin Page: 9

Project(s): IYS 2022

Contact: Wright

TSK Serial #: 00651

RBR serial #: 79105

Time offset = +

hrs = UTC (please record local time for samples)

Date: March 15/22	Station: 54-144	Time: 1613	LOCAL
Net Event # 137	CTD # 138		
Latitude: 53 55.71 N	Longitude: 143 59.21 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 10	Bottom Depth: 3897	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen 5f ✓	
85878	87767	Non-flow = pickled ✓	

Notes:

Date: March 16/22	Station: 53-144	Time: 0610	LOCAL
Net Event # 140	CTD # 142		
Latitude: 52 57.14 N	Longitude: 144 1.2 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 10	Bottom Depth: 3480	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen	
87575	89465	Non-flow = pickled	

Notes:

Date: March 9/22	Station: 51-132	Time: 0825	LOCAL
Net Event # 145	CTD # 147		
Latitude: 50 57.86 N	Longitude: 132 5.56 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle:	Bottom Depth: 2631	
Net Type: Bongo	Tow Type: V H		
Flow start	Flow end	Flow = frozen 5f ✓	
64005	64005	Non-flow = pickled ✓	

Notes: note no RBR on this net

No pickled - net folded up on itself as the tether between net and chain broke

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: