



Plankton Net Tow Log Sheet

Cruise #: 203-061 Vessel: Franklin Page: 1
Project(s): Hake Contact: Chelsea S.
TSK Serial #: 7129 RBR serial #:

Time offset = + 8 hrs = UTC (please record local time for samples)

Date: 29 Aug 2023	Station: X103-1	Time: 10:45a	LOCAL
Net Event # 51	CTD # 50		
Latitude: 51 deg 56.748 min.dec N	Longitude: 129 deg 22.934 min.dec W		
Wire out: 197	Wire angle: 0	Bottom Depth: 207	
Net Type: Bongo	Tow Type: VNH		
Flow start 87507	Flow end 88013	Flow = frozen RED	
		Non-flow = pickled GREEN	

Notes:

Date: 29 Aug 2023	Station: X103-2	Time: 005:41	LOCAL
Net Event # 53	CTD # 52		
Latitude: 51 deg 56.081 min.dec N	Longitude: 130 deg 27.659 min.dec W		
Wire out: 250m	Wire angle: 10	Bottom Depth: 400m	
Net Type: Bongo	Tow Type: VNH		
Flow start 88012	Flow end 89626	Flow = frozen RED	
		Non-flow = pickled GREEN	

Notes: many lion's mane jellyfish in associated fishing set at time in net.

Date: 30 Aug 2023	Station: M108	Time: 11:00	LOCAL
Net Event # 55	CTD # 54		
Latitude: 52 deg 20.422 min.dec N	Longitude: 130 deg 14.454 min.dec W		
Wire out: 250	Wire angle: 10	Bottom Depth: 369 m	
Net Type: Bongo	Tow Type: VNH		
Flow start 89625	Flow end 91636	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 30 Aug 2023	Station: X104-1	Time: 15:31	LOCAL
Net Event # 57	CTD # 56		
Latitude: 52 deg 16.714 min.dec N	Longitude: 129 deg 13.304 min.dec W		
Wire out: 155	Wire angle: 0	Bottom Depth: 165	
Net Type: Bongo	Tow Type: VNH		
Flow start 91637	Flow end 92965	Flow = frozen RED	
		Non-flow = pickled GREEN	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 202306 Vessel: Franklin Page: 2
 Project(s): Place Contact: Chelsea S.
 TSK Serial #: 7129 RBR serial #:

Time offset = + 700 hrs = UTC (please record local time for samples)

Date: <u>30 Aug 2023</u>	Station: <u>X104-2</u>	Time: <u>19:35</u>	LOCAL
Net Event # <u>59</u>	CTD # <u>58</u>		
Latitude: <u>52° 19.126</u>	N Longitude: <u>128° 48.547</u>	W	
deg min.dec	deg min.dec		
Wire out: <u>197</u>	Wire angle: <u>10</u>	Bottom Depth: <u>207</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start <u>92964</u>	Flow end <u>93438</u>	Flow = frozen	<u>RED</u>
		Non-flow = pickled	<u>GREEN</u>

Notes:

Date: <u>31 Aug 2023</u>	Station: <u>X105-1</u>	Time: <u>10:02</u>	LOCAL
Net Event # <u>61</u>	CTD # <u>60</u>		
Latitude: <u>52° 36.364</u>	N Longitude: <u>129° 58.465</u>	W	
deg min.dec	deg min.dec		
Wire out: <u>250</u>	Wire angle: <u>2°</u>	Bottom Depth: <u>265</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start <u>93438</u>	Flow end <u>93607</u>	Flow = frozen	
		Non-flow = pickled	

Notes: Frozen side - removed 1x 5cm water 'jelly' () from tow.
 Flowmeter reading seems low but is correct.

Date: <u>01 Sep 2023</u>	Station: <u>X106-1</u>	Time: <u>17:37</u>	LOCAL
Net Event # <u>64</u>	CTD # <u>63</u>		
Latitude: <u>52° 56.687</u>	N Longitude: <u>129° 46.412</u>	W	
deg min.dec	deg min.dec		
Wire out: <u>71</u>	Wire angle: <u>0</u>	Bottom Depth: <u>80</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start <u>93621</u>	Flow end <u>94152</u>	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: <u>01 Sep 2023</u>	Station: <u>X106-2</u>	Time: <u>10:39</u>	LOCAL
Net Event # <u>66</u>	CTD # <u>65</u>		
Latitude: <u>52° 56.893</u>	N Longitude: <u>130° 3.206</u>	W	
deg min.dec	deg min.dec		
Wire out: <u>246</u>	Wire angle: <u>5°</u>	Bottom Depth: <u>256</u>	
Net Type: <u>Bongo</u>	Tow Type: <u>VNH</u>		
Flow start <u>94155</u>	Flow end <u>94252</u>	Flow = frozen	
		Non-flow = pickled	

Notes: pteropod in lipids (frozen) sample.
 Flowmeter also a little low here too. Weird.



Plankton Net Tow Log Sheet

Cruise #: 2023-061 Vessel: Franklin Page: 3

Project(s): HAKE

Contact: Chelsea S.

TSK Serial #: 7129

RBR serial #:

Time offset = + 7

hrs = UTC (please record local time for samples)

Date: 01 Sep 2023	Station: x107-1	Time: LOCAL
Net Event # 69	CTD # 68	
Latitude: 53° 17' N	Longitude: 130° W	
deg min.dec	deg min.dec	
Wire out:	Wire angle:	Bottom Depth:
Net Type: Bongo	Tow Type: VNH	
Flow start	Flow end	Flow = frozen RED
		Non-flow = pickled GREEN

Notes:

Date: 01 Sep 2023	Station: x107-1	Time: 07:00 LOCAL
Net Event # 69	CTD # 68	
Latitude: 53° 18.845' N	Longitude: 130° 38.120' W	
deg min.dec	deg min.dec	
Wire out: 128	Wire angle: 20	Bottom Depth: 138
Net Type: Bongo	Tow Type: VNH	
Flow start 94252	Flow end 95249	Flow = frozen
		Non-flow = pickled

Notes: lots of lean on the wire.

Date: 01 Sep 2023	Station: x107-2	Time: 19: LOCAL
Net Event # 71	CTD # 70	
Latitude: 53° 16.644' N	Longitude: 131° 06.431' W	
deg min.dec	deg min.dec	
Wire out: 29	Wire angle: 100	Bottom Depth: 39
Net Type: Bongo	Tow Type: VNH	
Flow start 95249	Flow end 95341	Flow = frozen
		Non-flow = pickled

Notes: many small (1-2cm) crystal jellies - both lipids + formalin samples

Date: 02 Sep 2023	Station: x108-1	Time: 8:24 LOCAL
Net Event # 73	CTD # 72	
Latitude: 53° 36.671' N	Longitude: 130° 56.884' W	
deg min.dec	deg min.dec	
Wire out: 44	Wire angle: 10°	Bottom Depth: 54
Net Type: Bongo	Tow Type: VNH	
Flow start 95241	Flow end 95601	Flow = frozen
		Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2023-061 Vessel: Franklin Page: 4
Project(s): HAKE Contact: Chelsea S.
TSK Serial #: 7129 RBR serial #:
Time offset = + 7 hrs = UTC (please record local time for samples)

Date: 02 Sep 2023	Station: X109-1	Time: 10:47	LOCAL
Net Event # 75	CTD # 74		
Latitude: 53° 56.512 N	Longitude: 131° 3.893 W		
deg min.dec	deg min.dec		
Wire out: 62	Wire angle: 0	Bottom Depth: 72	
Net Type: Bongo	Tow Type: VHN		
Flow start 95601	Flow end 96111	Flow = frozen	PED
		Non-flow = pickled	GREEN

Notes:

Date: 02 Sep 2023	Station: X110-1	Time: 15:38	LOCAL
Net Event # 77	CTD # 76		
Latitude: 54° 16.244 N	Longitude: 131° 2.858 W		
deg min.dec	deg min.dec		
Wire out: 119	Wire angle: 15°	Bottom Depth: 129	
Net Type: Bongo	Tow Type: VHN		
Flow start 96111	Flow end 97049	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 02 Sep 2023	Station: X110-2	Time: 17:14	LOCAL
Net Event # 79	CTD # 78		
Latitude: 54° 18.160 N	Longitude: 131° 26.022 W		
deg min.dec	deg min.dec		
Wire out: 107	Wire angle: 2°	Bottom Depth: 117	
Net Type: BONGO	Tow Type: VHN		
Flow start 97049	Flow end 97839	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 03 Sep 2023	Station: X112-1	Time: 10:41	LOCAL
Net Event # 81	CTD # 80		
Latitude: 54° 18.450 N	Longitude: 132° 02.405 W		
deg min.dec	deg min.dec		
Wire out: 218	Wire angle: 2°	Bottom Depth: 228	
Net Type: Bongo	Tow Type: VHN		
Flow start 97839	Flow end 99618	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2023-061 Vessel: FRANKLIN Page: 5
Project(s): HAICE Contact: Chelsea S.
TSK Serial #: 7129 RBR serial #:

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

Date: 03 Sep 2023	Station: x112-2	Time: 12:36	LOCAL
Net Event # 83	CTD # 82		
Latitude: 54° 9.903 N	Longitude: 131° 59.829 W		
deg min.dec	deg min.dec		
Wire out: 62	Wire angle: 10°	Bottom Depth: 72	
Net Type: Bongo	Tow Type: VHN		
Flow start 99618	Flow end 00835	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 03 Sep 2023	Station: x112-III	Time: 15:09	LOCAL
Net Event # 85	CTD # 84		
Latitude: 54° 5.201 N	Longitude: 131° 46.825 W		
deg min.dec	deg min.dec		
Wire out: 155	Wire angle: 10°	Bottom Depth: 155	
Net Type: Bongo	Tow Type: VNH		
Flow start 00835	Flow end 01325	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 03 Sep 2023	Station: x111-1	Time: 17:41	LOCAL
Net Event # 87	CTD # 86		
Latitude: 54° 23.651 N	Longitude: 131° 28.700 W		
deg min.dec	deg min.dec		
Wire out: 246	Wire angle: 4°	Bottom Depth: 248	
Net Type: Bongo	Tow Type: VNH		
Flow start 01325	Flow end 03823	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 06 Sep 2023	Station: Mason 53	Time: 10:21	LOCAL
Net Event # 89	CTD # 88		
Latitude: 54° 29.445 N	Longitude: 132° 27.466 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 5°	Bottom Depth: 364	
Net Type: Bongo	Tow Type: VNH		
Flow start 03955	Flow end 04528	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2023-061 Vessel: Franklin Page: 6
Project(s): HAKE Contact: Chelsea S.
TSK Serial #: 7129 RBR serial #:
Time offset = + 7 hrs = UTC (please record local time for samples)

Date: 06 Sep 2023	Station: X114-1	Time: 19:14	LOCAL
Net Event # 91	CTD # 90		
Latitude: 54° 36.613 N	Longitude: 134° 09.947 W		
deg min.dec	deg min.dec		
Wire out: 25φ	Wire angle: 1°	Bottom Depth: 1509	
Net Type: Bongo	Tow Type: VNH		
Flow start 04528	Flow end 0613φ	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 08 Sep 2023	Station: X115-1	Time: 17:14	LOCAL
Net Event # 93	CTD # 92		
Latitude: 54° 15.922 N	Longitude: 133° 27.84φ W		
deg min.dec	deg min.dec		
Wire out: 25φ	Wire angle: 5°	Bottom Depth: 357	
Net Type: Bongo	Tow Type: VNH		
Flow start 06130	Flow end 07084	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 08 Sep 2023	Station: Q19	Time: 8:31	LOCAL
Net Event # 95	CTD # 94		
Latitude: 53° 58.306 N	Longitude: 133° 29.884 W		
deg min.dec	deg min.dec		
Wire out: 193	Wire angle: 8°	Bottom Depth: 203	
Net Type: Bongo	Tow Type: VNH		
Flow start 07082	Flow end 08371	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 09 Sep 2023	Station: X117-1	Time: 17:29	LOCAL
Net Event # 97	CTD # 96		
Latitude: 53° 37.690 N	Longitude: 133° 20.820 W		
deg min.dec	deg min.dec		
Wire out: 25φ	Wire angle: 3°	Bottom Depth: 665	
Net Type: Bongo	Tow Type: VNH		
Flow start 08372	Flow end 10150	Flow = frozen	
		Non-flow = pickled	

Notes: