



Plankton Net Tow Log Sheet

Cruise #: 202101 Vessel: JP Tully Page: 1
Project(s): LINE P Contact: MOIRA or MIKE A
TSK Serial #: 7132 RBR serial #:

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

Date: 30 JAN 2021	Station: HAROST	Time: 2237	LOCAL
Net Event # 4	CTD # 3		
Latitude: 48 35.75 N	Longitude: 123 14.55 W		
deg min.dec	deg min.dec		
Wire out: 210	Wire angle: 20	Bottom Depth: 218	
Net Type: BONGO	Tow Type: VNH		
Flow start: 1724	Flow end: 1886	Flow = frozen	
		Non-flow = pickled	

Notes: 15 EUPH REMOVED - SO FOR M. HIPFNER

Date: 31.01.21	Station: JF2	Time: 0447	LOCAL
Net Event # 7	CTD # 6		
Latitude: 48 17.89 N	Longitude: 123 59.86 W		
deg min.dec	deg min.dec		
Wire out: 180	Wire angle: 25	Bottom Depth: 189	
Net Type: BONGO	Tow Type: VNH		
Flow start:	Flow end:	Flow = frozen	
1886	2056	Non-flow = pickled	

Notes: TRIED FOR VNH BUT GOT ONH HI FLOW
WIRE L 45° ON DOWN CAST

Date: 31 JAN 2021	Station: P2	Time: 1414	LOCAL
Net Event # 12	CTD # 13		
Latitude: 48 36.0 N	Longitude: 125 59.93 W		
deg min.dec	deg min.dec		
Wire out: 105	Wire angle: 15	Bottom Depth: 115	
Net Type: BONGO	Tow Type: VNH		
Flow start:	Flow end:	Flow = frozen	
2056	2175	Non-flow = pickled	

Notes:

NOTHING WRITTEN IN LOG: CRUISE TIME, LAT, LONG ESTIMATED FROM SHIP LOG

Date: 02 FEB 2021	Station: CONCEPTION	Time: 0818	LOCAL
Net Event # 20	CTD # 19		
Latitude: 49 39.26 N	Longitude: 126 27.71 W		
deg min.dec	deg min.dec		
Wire out: 182	Wire angle: 5	Bottom Depth: 192	
Net Type: BONGO	Tow Type: VNH		
Flow start: 2175	Flow end: 2289	Flow = frozen	
		Non-flow = pickled	

Notes: 60 CALMAY 20 METERS 20 PSEPH 15 PAUEH → CAT



Plankton Net Tow Log Sheet

Cruise #: 2021-001 Vessel: JP TULLY Page: 2

Project(s): LINE-P

Contact: MORA OR MIKEA

TSK Serial #: 4132

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 02-FEB-2021	Station: HECATE	Time: 1442	LOCAL
Net Event # 27	CTD # 26	2242 UTC	
Latitude: 49° 51.80' N		Longitude: 126° 44.58' W	
deg min.dec		deg min.dec	
Wire out: 217	Wire angle: 0	Bottom Depth: 222	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
22890	24205	Non-flow = pickled	

Notes: 20 CALMAY 20 PSEMI V 20 METPA9 → CAT
WINCH ↑ @ 0.65 - OPERATOR DID NOT SWITCH TO HIGH OOPS!

Date: 03-02-21	Station: P4	Time: 0305	LOCAL
Net Event # 34	CTD # 37	1105 (UTC)	
Latitude: 49° 39.073' N		Longitude: 126° 40' 00.4" W	
48 deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 1321	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
24205	26690	Non-flow = pickled	

Notes:

Date: 03-02-21	Station: P4	Time: 0512	LOCAL
Net Event # 36	CTD # 37	1412 UTC	
Latitude: 48° 38' 99.4" N		Longitude: 126° 40' 00" W	
48 deg min.dec		deg min.dec	
Wire out: 1200	Wire angle: 0	Bottom Depth: 1328	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
26690	37190	Non-flow = pickled	

Notes:

Date: 3-FEB-2021	Station: P8	Time: 2221	LOCAL
Net Event # 42	CTD # 44		
Latitude: 48° 48.962' N		Longitude: 128° 39.990' W	
deg min.dec		deg min.dec	
Wire out: 250	Wire angle: 0	Bottom Depth: 2536	
Net Type: BONGO	Tow Type: VNH		
Flow start 37089	Flow end 39065	Flow = frozen	
		Non-flow = pickled	

Notes:

LOCAL TIME
BOTTOM
TIME
LAT
LONG



Plankton Net Tow Log Sheet

Cruise #: 2021-001 Vessel: JP Tully Page: 3

Project(s): LINC P

Contact: MOSA or MIKE A

TSK Serial #: 7132

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 3 FEB 2021	Station: P8	Time: 2310	LOCAL
Net Event # 43	CTD # 44		
Latitude: 48° 48.911 N	Longitude: 128° 39.945 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 0	Bottom Depth: 2537	
Net Type: Bongo	Tow Type: VNH		
Flow start 39065	Flow end 41800	Flow = frozen	
		Non-flow = pickled	

Notes:

WRONG!! 41800 (WRITTEN WRONG ON LABELS)

Date: 4 Feb 2021	Station: P12	Time: 1650	LOCAL
Net Event # 50	CTD # 49		
Latitude: 48 58 128 N	Longitude: 130 39 834 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: ~3275	
Net Type: Bongo	Tow Type: VNH		
Flow start 48100	Flow end 50735	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 4 FEB 2021	Station: P12	Time:	LOCAL
Net Event #	CTD # 51		
Latitude: 48 N	Longitude: 130 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle:	Bottom Depth:	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Cancelled

Date: 6 Feb 21	Station: P16	Time: 1044	LOCAL
Net Event # 64	CTD # 63		
Latitude: 49 16.90 N	Longitude: 134 40.33 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 35	Bottom Depth: 3624	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
51066	54035	Non-flow = pickled	

Notes:

HIGH FLOW LARGE LO THRU OUT



Plankton Net Tow Log Sheet

Cruise #: 2021-001 Vessel: SPOLLY Page: 4

Project(s): LINE P

Contact: MOIRA & MIKEA

TSK Serial #: 71.32

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 09 Feb 2021	Station: P20	Time: 1202	LOCAL
Net Event # 71	CTD # 75		
Latitude: 49° 34.029 N	Longitude: 138° 40.022 W		
deg min.dec	deg min.dec		
Wire out: 260	Wire angle: 0	Bottom Depth: 3954	
Net Type: Bongo	Tow Type: VNH		
Flow start: 56129	Flow end: 58293	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 7 FEB 2021	Station: P20	Time: 1343	LOCAL
Net Event # 74	CTD # 75		
Latitude: 49 34 014 N	Longitude: 138 40 037 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 0	Bottom Depth: 3942	
Net Type: BONGO	Tow Type: VNH		
Flow start: 58293	Flow end: 69678	Flow = frozen	
		Non-flow = pickled	

Notes: WAITED 10 MIN @ Bottom TO CLEAR
OILY WATER TANKS

1 CHIROTEUTHIS, ORC, WOPR
REMOVED FOR DNA

Date: 9-Feb-21	Station: P26	Time: 0400	LOCAL
Net Event # 87	CTD # 92		
Latitude: 49 59.972 N	Longitude: 149 59.898 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 5	Bottom Depth: 4236	
Net Type: Bongo	Tow Type: VNH		
Flow start: 69678	Flow end: 72352	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 09.02.21	Station: P26	Time: 0614	LOCAL
Net Event # 89	CTD # 92	1414 UTC	
Latitude: 49 59.969 N	Longitude: 144 59.926 W		
deg min.dec	deg min.dec		
Wire out: 1200	Wire angle: 5	Bottom Depth: 4241	
Net Type: BONGO	Tow Type: VNH		
Flow start: 72352	Flow end: 82308	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2021-001 Vessel: JPTully Page: 5

Project(s): LINC-V Contact: MORIA or MIKE A

TSK Serial #: 7132 RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: Feb 09/2021	Station: PA-014	Time: 1401	LOCAL
Net Event # 95	CTD # 94		
Latitude: 50 02 86 N	Longitude: 144 51 46 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 4	Bottom Depth: 4040	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
82308	84306	Non-flow = pickled	

Notes:

Date: 12282021	Station: HEC1	Time: 1554	LOCAL
Net Event # 107	CTD # 106	2357	UTC
Latitude: 52 49 15 N	Longitude: 129 50 26 W		
deg min.dec	deg min.dec		
Wire out: 120	Wire angle: 25	Bottom Depth: 125	
Net Type: Bongo	Tow Type: VNH		
Flow start 84335	Flow end 85490	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: Feb 12/2021	Station: SC69	Time: 22:00	LOCAL
Net Event # 111	CTD # 112		
Latitude: 53.5107 N	Longitude: 129 19.483 W		
deg min.dec	deg min.dec		
Wire out: 685	Wire angle: 5	Bottom Depth: 690	
Net Type: Bongo	Tow Type: VNH		
Flow start 85490	Flow end 90107*	Flow = frozen	
		Non-flow = pickled	

Notes:

* NOTE: LABS HAVE
INCORRECT
"FLOW END"
SHOULD BE 90107s
NOT 91107

Date: Feb 13/2021	Station: Doug 12	Time: 11:52	LOCAL
Net Event # 136	CTD # 135		
Latitude: 53 48 363 N	Longitude: 128 50 331 W		
deg min.dec	deg min.dec		
Wire out: 346	Wire angle: 250	Bottom Depth: 346	
Net Type: Bongo	Tow Type: VNH		
Flow start 90108	Flow end	Flow = frozen	
	92530	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2021-001 Vessel: JPTully Page: 6

Project(s): Line-V

Contact: MOIRA or MIKEA

TSK Serial #:

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: Feb 14/21	Station: GCS1	Time: 15:03 PST LOCAL
Net Event # 144	CTD # 143	
Latitude: 53° 28.194 N	Longitude: 128° 18.846 W	
deg min.dec	deg min.dec	
Wire out: 490	Wire angle: 2	Bottom Depth: 499
Net Type: Bongo	Tow Type: VNH	
Flow start 92528	Flow end	Flow = frozen
92528	96665 *	Non-flow = pickled

Notes:

*NOTE - I'M PRETTY SURE I TOOK THIS READING CORRECTLY BUT SEE COMMENT BELOW IN CASE THERE IS SOMETHING AMISS. - MIKE



Date: Feb 15/21	Station: DOUG-45	Time: 14:02 PST LOCAL
Net Event # 162	CTD # 163	
Latitude: 53° 22.271 N	Longitude: 129° 11.698 W	
deg min.dec	deg min.dec	
Wire out: 458	Wire angle: 4	Bottom Depth: 461
Net Type: BONGO	Tow Type: VNH	
Flow start 95664 *	Flow end 98504	Flow = frozen
		Non-flow = pickled

Notes:

RELEASE 1 NECTOLIPARIS (CAUGHT BY MIKE) ☺

*NOTE: THE "FLOW START" READING IS 1000 LESS THAN THE READING ABOVE (96665). IT IS POSSIBLE I READ THE METER WRONG YESTERDAY BUT AT THE SAME TIME IT WAS VERY WINDY LAST NIGHT AND THE NETS DID UNFURL. SO IT'S POSSIBLE COUNTS WENT DOWN. - MIKE A.

Date: 16-02-21	Station: HAR1	Time: 0733 LOCAL
Net Event # 164	CTD # 165	
Latitude: 51° 42.67 N	Longitude: 128° 13.70 W	
deg min.dec	deg min.dec	
Wire out: 135	Wire angle: 30	Bottom Depth: 140
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
98504	99983	Non-flow = pickled

Notes:

Date: Feb 16/2021	Station: CPE1	Time: 14:35 PST LOCAL
Net Event # 168	CTD # 167	
Latitude: 51° 0.151 N	Longitude: 127° 50.000 W	
deg min.dec	deg min.dec	
Wire out: 140	Wire angle:	Bottom Depth: 145
Net Type: BONGO	Tow Type: VNH	
Flow start 99985	Flow end 01244	Flow = frozen
		Non-flow = pickled

Notes: