



Institute of Ocean Sciences
Sidney, B.C., Canada

Plankton Net Tow Log Sheet

Cruise #: 2020-017 Vessel: Frank B. Page: 1

Project(s): JUV Salmon Contact: Stanley Wright

TSK Serial #: 3702 RBR serial #: 7908

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

Date: OCT 9/20 Station: CS01 Time: 11h 18 LOCAL

Net Event # 05 CTD # 05

Latitude: 50 34.875 N Longitude: 129 41.292 W

deg min.dec deg min.dec

Wire out: 250m Wire angle: 0 Bottom Depth: 2107m

Net Type: Bongo Tow Type: V+ Flow = frozen size fraction.

Flow start 61609 Non-flow = pickled

Notes: OTHER HALF SIZE-FR + TARED BY PBS

Date: OCT 9 Station: CS01 Time: 11h 53 LOCAL

Net Event # 07 CTD # 05

Latitude: 50 35.166 N Longitude: 129 41.221 W

deg min.dec deg min.dec

Wire out: 303 Wire angle: 45 Bottom Depth: 2056 m

Net Type: Bongo Tow Type: oblique Flow = frozen size fraction.

Flow start 62000 Non-flow = pickled

Notes: OTHER HALF SIZE-FR + TARED BY PBS

Date: OCT 9 Station: T01 Time: 1031 (BO) LOCAL

Net Event # 13 CTD # 12

Latitude: 50 44.194 N Longitude: 129 20.923 W (BO)

deg min.dec deg min.dec

Wire out: 250 Wire angle: 0 Bottom Depth: 854

Net Type: Bongo Tow Type: V+ Flow = frozen size fraction.

Flow start 65225 616790 Non-flow = pickled

Notes: Bongo VBL

Date: OCT 9 Station: T01 Time: 1055 LOCAL

Net Event # 14 CTD # 12

Latitude: 50 44.429 N Longitude: 129 20.811 W (BO)

deg min.dec deg min.dec

Wire out: 350 Wire angle: 45 Bottom Depth: 693

Net Type: Bongo Tow Type: OH Flow = frozen size fraction.

Flow start 616790 616890 Non-flow = pickled

Notes: Bongo VBL



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Plankton Net Tow Log Sheet

Cruise #: 2020-017 Vessel: Franklin Page: 2

Project(s): Juv. Salmon

Contact: wong/1/5/2024

TSK Serial #: 3702

RBR serial #: 79681

Time offset = +

hrs = UTC (please record local time for samples)

Date: 06/09/20	Station: CS08	Time: 1627	LOCAL
Net Event # 18	CTD # 17		
Latitude: 51 08.442 N Longitude: 128 36.00 W			
deg	min.dec	deg	min.dec
Wire out: 125	Wire angle: 0	Bottom Depth: 135	
Net Type: Bng0	Tow Type: VH		
Flow start	Flow end	Flow = frozen	
66790	67630	Non-flow = pickled	

Notes:

Date: 06/10/20	Station: MTD 8	Time: 0748 (80)	LOCAL
Net Event # 20	CTD # 19		
Latitude: 52 20.453 N Longitude: 130 14.24 W (80)			
deg	min.dec	deg	min.dec
Wire out: 250	Wire angle: 0	Bottom Depth: 365	
Net Type: Bng0	Tow Type: V1+		
Flow start	Flow end	Flow = frozen	
674630	68990	Non-flow = pickled	

Notes:

Date: 06/10	Station: H01	Time: 1207	LOCAL
Net Event # 24	CTD # 23		
Latitude: 52 24.182 N Longitude: 130 15.430 W (80)			
deg	min.dec	deg	min.dec
Wire out: 250	Wire angle: 0	Bottom Depth: 338	
Net Type: Bng0	Tow Type: VH		
Flow start	Flow end	Flow = frozen	
68990	70690	Non-flow = pickled	

Notes:

Date: 06/10/20	Station: H02	Time: 1526	LOCAL
Net Event # 27	CTD # 28		
Latitude: 52 35.343 N Longitude: 130 16.38 W			
deg	min.dec	deg	min.dec
Wire out: 234	Wire angle: 0	Bottom Depth: 244	
Net Type: Bng0	Tow Type: VH		
Flow start	Flow end	Flow = frozen	
70690	72118	Non-flow = pickled	

Notes:



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Plankton Net Tow Log Sheet

Cruise #: 2000-07 Vessel: Franklnd Page: 3

Project(s): Juv salmon on Contact: Stanleyford
TSK Serial #: 3702 RBR serial #: 079081
Time offset = + hrs = UTC (please record local time for samples)

Date: 000110	Station: H03	Time: 18:19	LOCAL
Net Event # 30	CTD # 29		
Latitude: 52 50.198	N	Longitude: 130 12:346	W

Wire out: 217	Wire angle:	Bottom Depth: 227
Net Type: Bmg	Tow Type: VH	
Flow start	Flow end	Flow = frozen
74298	74298	Non-flow = pickled

Notes:

labels say 3 but it's 2

Date: 000110	Station: DE01	Time: 07	LOCAL
Net Event # 31	CTD # 32		
Latitude: 54 11 964	N	Longitude: 131 43 781	W

Wire out: 52	Wire angle:	Bottom Depth: 66
Net Type: Bmg	Tow Type: VH	
Flow start	Flow end	Flow = frozen
74298	74668	Non-flow = pickled

Notes:

Date: 000110	Station: DE03	Time: 1300	LOCAL
Net Event # 35	CTD # 34		
Latitude: 52 9.602	N	Longitude: 132 22.607	W

Wire out: 79	Wire angle:	Bottom Depth: 89
Net Type: Bmg	Tow Type: VH	
Flow start	Flow end	Flow = frozen
74667	75210	Non-flow = pickled

Notes:

Date: 000110	Station: DE04	Time: 1739	LOCAL
Net Event # 38	CTD # 39		
Latitude: 54 12 833	N	Longitude: 132 44 603	

Wire out: 178	Wire angle:	Bottom Depth: 188
Net Type: Bmg	Tow Type: VH	
Flow start 75210	Flow end 75222	Flow = frozen
	75222	Non-flow = pickled

Notes:

* flow meter stuck??



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Plankton Net Tow Log Sheet

Cruise #: 2000-017 Vessel: Franklin Page: 4

Project(s): NW salmon OCT Contact: Steadler/rough

TSK Serial #: 3702 RBR serial #: 79988

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

Date: OCT 12/20 Station: DE07 Time: 0740 LOCAL

Net Event # 41 CTD # 40

Latitude: 54 27.026 N Longitude: 132.47.924 W

deg min.dec deg min.dec

Wire out: 250 Wire angle: Bottom Depth: 355

Net Type: Bmg Tow Type: VH

Flow start Flow end Flow = frozen

75284 75690 Non-flow = pickled

Notes:

Date: OCT 12/20 Station: Mason 53 Time: 1032 LOCAL

Net Event # 44 CTD # 45 132 26 243

Latitude: 54 29.261 N Longitude: 132 26 243 W

deg min.dec deg min.dec

Wire out: 250 Wire angle: Bottom Depth: 361

Net Type: Bmg Tow Type: VH

Flow start Flow end Flow = frozen

75690 75895 Non-flow = pickled

Notes:

Date: OCT 12/20 Station: DE08 Time: 1427 LOCAL

Net Event # 48 CTD # 49

Latitude: 54 30.434 N Longitude: 132 17.560 W

deg min.dec deg min.dec

Wire out: 250 Wire angle: Bottom Depth:

Net Type: Bmg Tow Type: VH

Flow start Flow end Flow = frozen

75895 75895 Non-flow = pickled

Notes: - about 8 current

Flow meter about now

Date: OCT 12 Station: DE09 Time: 1617 LOCAL

Net Event # 51 CTD # 52

Latitude: 54 32.590 N Longitude: 132 06.584 W

deg min.dec deg min.dec

Wire out: 216 Wire angle: Bottom Depth: 226

Net Type: Bmg Tow Type: VH

Flow start Flow end Flow = frozen

75915 77425 Non-flow = pickled

Notes:



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Plankton Net Tow Log Sheet

Cruise #: 202007 Vessel: *Franklin* Page: 3

Project(s): *JUV. salmon* Contact: *Stanley Hingdt*

TSK Serial #: 3702 RBR serial #: 79684

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

Date: 00113/20 Station: HNO1 Time: 0742 LOCAL

Net Event # 54 CTD # 53

Latitude: 53 5 458 N Longitude: 130 15 681 W
deg min.dec deg min.dec

Wire out: 193 Wire angle: Bottom Depth: 203

Net Type: *Bongo* Tow Type: *VH*

Flow start Flow end Flow = frozen

77425 78650 Non-flow = pickled

Notes:

Date: 00113/20 Station: HNO2 Time: 1017 LOCAL

Net Event # 57 CTD # 58

Latitude: 52 59.661 N Longitude: 130 08.536 W
deg min.dec deg min.dec

Wire out: 215 Wire angle: Bottom Depth: 205

Net Type: *Bongo* Tow Type: *VH*

Flow start Flow end Flow = frozen

78650 78658 Non-flow = pickled

Notes:

Date: 00113/20 Station: HNO4 Time: 1435 LOCAL

Net Event # 61 CTD # 62

Latitude: 52 46 191 N Longitude: 129 56 160 W
deg min.dec deg min.dec

Wire out: 244 Wire angle: Bottom Depth: 254

Net Type: *Bongo* Tow Type: *VH*

Flow start Flow end Flow = frozen

78658 78675 Non-flow = pickled

Notes:

Date: 00114/20 Station: H503 Time: 0721 LOCAL

Net Event # 64 CTD # 63

Latitude: 52 06.681 N Longitude: 129 07.723 W
deg min.dec deg min.dec

Wire out: 179 Wire angle: Bottom Depth: 139

Net Type: *Bongo* Tow Type: *VH*

Flow start Flow end Flow = frozen

78700 79550 Non-flow = pickled

Notes:

2" Cylinders removed.

2020-017

Plankton Net Tow Log Sheet

Cruise #: 2020-017 Vessel: Franklyn Page: 6

Project(s): NW Salmon Contact: Stanley / Mary

TSK Serial #: 3702 RBR serial #: 79081



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Time offset = +

hrs = UTC (please record local time for samples)

LOCAL

Date: 14 OCT 20 Station: H502 Time: 16
Net Event # 67 CTD # 68

Latitude: 52 04 20.1 N Longitude: 128 53 58.3 W

deg min dec deg min dec

Wire out: 158 Wire angle: Bottom Depth: 1108'

Net Type: BNG Tow Type: V14

Flow start Flow end Flow = frozen

79550 80655 Non-flow = pickled

Notes:

Date: 14 OCT 20 Station: AACSD061 Time: 1457 LOCAL

Net Event # 72 CTD # 71

Latitude: 51 53.518 N Longitude: 128 35.059 W

deg min dec deg min dec

Wire out: 119 Wire angle: Bottom Depth: 129

Net Type: BNG Tow Type: V14

Flow start Flow end Flow = frozen

80655 81405 Non-flow = pickled

Notes:

Date: 15 OCT 20 Station: QCST 01 Time: 0712 LOCAL

Net Event # 74 CTD # 75

Latitude: 50 49.213 N Longitude: 127 25-356 W

deg min dec deg min dec

Wire out: 195 Wire angle: Bottom Depth: 205

Net Type: BNG Tow Type: V14

Flow start Flow end Flow = frozen

81410 82860 Non-flow = pickled

Notes:

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:

M06N058

MULTINET Log Sheet

Cruise: 2020-017 Station: C501 Date: OCT 7/20
 Event #: 08 Local Time: 12h12 Area: C501
 CTD #: 05 Bottom Depth: 2109 Project: JUV. Salmon OCT

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments
0	12h12	0-500	50° 34.700	129° 41.552	37	NOTE: ALL COORDS
1	12h32	500-400	50° 35.295	129° 41.177	2	COMBINED AS
2	12h35	400-300	50° 35.363	129° 41.090	0	UNSURE IF W/HERE + W/HERE NETS
3	12h37	300-200	50° 35.459	129° 40.983	5	Fixed.
4	12h42	200-100	50° 35.5730	129° 40.834	1	Flow did not reset
5	12h46	100-0	50° 35.687	129° 40.653	0	Flow did not reset

Comments:

After net 2 → net command not working

Starry V 21.3 Starting Pressure 10 Net 0+1 sampled properly

Cruise: 2020-017 Station: MT08 Date: OCT 10/20
 Event #: 021 Local Time: 08h12 Area: Hecate
 CTD #: 019 Bottom Depth: 365 Project: JUV. Salmon OCT

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments
0	08h12	0-350	52° 20.548	130° 14.312	34	Confined cloud
1	08h28	350-300	52° 19.320	130° 13.295		3 pushes
2		300-200				DID NOT FIND
3		200-100				
4		100-50				
5		50-0				

Comments:

STARRY VOLT = 21.2 stopped c 280 to see if
 STARRY PRESS = 10 net still bel
 -swirl on back of deck unit set to reverse → likely
 why nets did not fire correctly for first two casts

MULTINET Log Sheet

Cruise: 2020-017 Station: Mason 53 Date: OCT 12/20
 Event #: 040 Local Time: 11h 56 Area: Dixon
 CTD #: 045 Bottom Depth: 361 Project: SALMON

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments
0	1157	0-350	54°29.162	152°27.024	17	
1	1210	350-300	29.274	132 27.564	Ø	
2	1212	200-200	29.284	27.619	1	
3	1213	200-100	29.301	27.703	1	
4	1215	100-50	29.326	27.817	1	reset flow
5	1217	50-0	29.342	27.894	Ø	

Comments: SMITHSON VAGR - 21.2
SMITHSON: 10

Cruise: _____ Station: _____ Date: _____
 Event #: _____ Local Time: _____ Area: _____
 CTD #: _____ Bottom Depth: _____ Project: _____

NET	Time	Depth Range (m)	Latitude (°N)	Longitude (°W)	Flow (m ³)	Comments

Comments: