

Plankton Net Tow Log Sheet

Cruise #: 2016-09 Vessel: SARAKA Page: 10

Project(s): S2/2016 Contact: KERRY BARK

TSK Serial #: 7182 RBR serial #: 79110

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

Date: 27 JUN 2016	Station: 59	Time: 10 19	LOCAL
Net Event # 150	CTD # 149		
Latitude: 48 37 73 N	Longitude: 123 14 40 W		
deg min.dec	deg min.dec		
Wire out: 217	Wire angle: 5-10	Bottom Depth: 727	
Net Type: SCORE	Tow Type: VNH		
Flow start 39579	Flow end 41156	Flow = frozen	
		Non-flow = (pickled)	

Notes: Winch trouble up, start/stop, had to reduce speed to 50%

Date: 27 JUN 2016	Station: 46	Time: 1201	LOCAL
Net Event # 152	CTD # 151		
Latitude: 48 51 26 N	Longitude: 123 10 74 W		
deg min.dec	deg min.dec		
Wire out: 166	Wire angle: 5-10	Bottom Depth: 176	
Net Type: SCORE	Tow Type: VNH		
Flow start 41156	Flow end 42059	Flow = frozen	
		Non-flow = (pickled)	

Notes:

Date: 27 JUN 2016	Station: 411	Time: 1534	LOCAL
Net Event # 155	CTD # 153		
Latitude: 49 3 29 N	Longitude: 123 22 34 W		
deg min.dec	deg min.dec		
Wire out: 235	Wire angle: 5-10	Bottom Depth: 245	
Net Type: SCORE	Tow Type: VNH		
Flow start 42059	Flow end 43382	Flow = frozen	
		Non-flow = (pickled)	

Notes: Winch very slow up
- lost ~ 5% on deck

Date: 27 JUN 2016	Station: 6601	Time: 1847	LOCAL
Net Event # 158	CTD # 156		
Latitude: 49 15 07 N	Longitude: 123 45 30 W		
deg min.dec	deg min.dec		
Wire out: 370	Wire angle: 5-10	Bottom Depth: 400	
Net Type: SCORE	Tow Type: VNH		
Flow start 43382	Flow end 45745	Flow = frozen	
		Non-flow = (pickled)	

Notes: Winch much better after Piper's tweaking

Plankton Net Tow Log Sheet

Cruise #: 2016-09 Vessel: Salacia Page: 2

Project(s): Salacia

Contact: Kelly Young

TSK Serial #: 7132

RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 28 JUN 2016	Station: CPF1	Time: 0844	LOCAL
Net Event # 160	CTD # 159		
Latitude: 49 21 91 N	Longitude: 124 4 76 W		
deg min.dec	deg min.dec		
Wire out: 235	Wire angle: 0	Bottom Depth: 245	
Net Type: SCORE	Tow Type: VNH		
Flow start 45745	Flow end 47473	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 28 JUN 2016	Station: CPF2	Time: 1122	LOCAL
Net Event # 167	CTD # 161		
Latitude: 49 27 26 N	Longitude: 124 30 01 W		
deg min.dec	deg min.dec		
Wire out: 315	Wire angle: 5-10	Bottom Depth: 325	
Net Type: SCORE	Tow Type: VNH		
Flow start 47473	Flow end 49701	Flow = frozen	
		Non-flow = pickled	

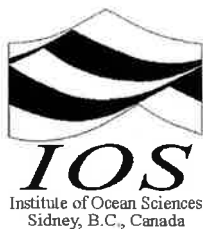
Notes:

Date: 28 JUN 2016	Station: BS-11	Time: 1251	LOCAL
Net Event # 164	CTD # 163		
Latitude: 49 28 95 N	Longitude: 124 45 97 W		
deg min.dec	deg min.dec		
Wire out: 48	Wire angle: 0	Bottom Depth: 58	
Net Type: SCORE	Tow Type: VNH		
Flow start 49701	Flow end 50002	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 28 JUN 2016	Station: 11	Time: 1534	LOCAL
Net Event # 167	CTD # 165		
Latitude: 49 42 34 N	Longitude: 124 43 30 W		
deg min.dec	deg min.dec		
Wire out: 280	Wire angle: 0	Bottom Depth: 290	
Net Type: SCORE	Tow Type: VNH		
Flow start 50002	Flow end 51802	Flow = frozen 55761	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2016-09 Vessel: Salacia Page: 3

Project(s): Salacia Contact: Kelly Young

TSK Serial #: 7132 RBR serial #: 79110

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

Date: 29 JUN 2016	Station: 22	Time: 0807	LOCAL
Net Event # 169	CTD # 168		
Latitude: 49 40 01 N	Longitude: 124 16 28 W		
deg min.dec	deg min.dec		
Wire out: 343	Wire angle: -	Bottom Depth: 353	
Net Type: SCORE	Tow Type: VNH		
Flow start 51802	Flow end 53229	Flow = frozen	
		Non-flow = pickled	

Notes: FAILURE ON WENCH, W/ UP, DROPPED ~5m BACK TO 290m. HAND PULLED NET IN, DID NOT WORK, BUT COLLECTED SAMPLE ANYWAYS.

Date: 30 JUN 2016	Station: 38	Time: 0851	LOCAL
Net Event # 171	CTD # 170		
Latitude: 49 12 26 N	Longitude: 123 26 36 W		
deg min.dec	deg min.dec		
Wire out: 290	Wire angle: ~5	Bottom Depth: 300	
Net Type: SCORE	Tow Type: VNH		
Flow start 53929	Flow end 55761	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 30 JUN 2016	Station: 40	Time: 1006	LOCAL
Net Event # 173	CTD # 172		
Latitude: 49 8 66 N	Longitude: 123 36 72 W		
deg min.dec	deg min.dec		
Wire out: 136	Wire angle: ~5	Bottom Depth: 146	
Net Type: SCORE	Tow Type: VNH		
Flow start 55761	Flow end 56310	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 30 JUN 2016	Station: 28	Time: 1324	LOCAL
Net Event # 176	CTD # 175		
Latitude: 49 24 18 N	Longitude: 123 45 47 W		
deg min.dec	deg min.dec		
Wire out: 124	Wire angle: ~5	Bottom Depth: 134	
Net Type: SCORE	Tow Type: VNH		
Flow start 56210	Flow end 57117	Flow = frozen	
		Non-flow = pickled	

Notes:

Plankton Net Tow Log Sheet

Cruise #: 2016-09 Vessel: *Salmon* Page: 4
Project(s): *Salmon* Contact: *Kelly Yarnall*
TSK Serial #: 7132 RBR serial #: 79940
Time offset = + hrs = UTC (please record local time for samples)

Date: 30 JUN 2016	Station: 24	Time: 1530	LOCAL
Net Event # 178	CTD # 177		
Latitude: 49 30 36 N		Longitude: 124 6 11 W	
deg min.dec	deg min.dec		
Wire out: 415	Wire angle: 5-10	Bottom Depth: 425	
Net Type: SCORE	Tow Type: VNH		
Flow start 5717	Flow end 59639	Flow = frozen	
		Non-flow = <u>pickled</u>	

Notes:

Date: 30 JUN 2016	Station: 22	Time: 1720	LOCAL
Net Event # 180	CTD # 179		
Latitude: 49 40 35 N		Longitude: 124 16 41 W	
deg min.dec	deg min.dec		
Wire out: 343	Wire angle: 10	Bottom Depth: 353	
Net Type: SCORE	Tow Type: VNH		
Flow start 59639	Flow end 61825	Flow = frozen	
		Non-flow = <u>pickled</u>	

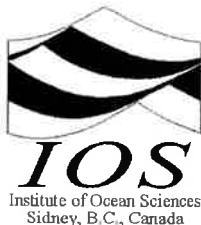
Notes:

Date: 1 JULY	Station: 59-01	Time: 1011	LOCAL
Net Event # 182	CTD # 181		
Latitude: 48 37 64 N		Longitude: 123 14 57 W	
deg min.dec	deg min.dec		
Wire out: 215	Wire angle: 0	Bottom Depth: 225	
Net Type: SCORE	Tow Type: VNH		
Flow start 61825	Flow end 63129	Flow = frozen	
		Non-flow = <u>pickled</u>	

Notes: Re-visit since batteries dead on 1st attempt (CTD)

Date: 1 JUL 2016	Station: 61-01	Time: 1341	LOCAL
Net Event # 184	CTD # 183		
Latitude: 48 45 94 N		Longitude: 123 20 65 W	
deg min.dec	deg min.dec		
Wire out: 55	Wire angle: 0	Bottom Depth: 65	
Net Type: SCORE	Tow Type: VNH		
Flow start 63129	Flow end 63461	Flow = frozen	
		Non-flow = <u>pickled</u>	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2016-09 Vessel: Salcedo Page:

Project(s): Salcedo

Contact: Kelly Young

TSK Serial #: 7132

RBR serial #: 7940

Time offset = +

hrs = UTC (please record local time for samples)

Date: 15 JUL 2016	Station: SC04	Time: 1429	LOCAL
Net Event # 187	CTD # 185		
Latitude: 48 43 61 N	Longitude: 123 25 19 W		
deg min.dec	deg min.dec		
Wire out: 80	Wire angle: 0	Bottom Depth: 90	
Net Type: SCORC	Tow Type: VNH		
Flow start 63461	Flow end 63969	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 15 JUL 2016	Station: CBEZ	Time: 1534	LOCAL
Net Event # 189	CTD # 188		
Latitude: 48 44 19 N	Longitude: 123 34 35 W		
deg min.dec	deg min.dec		
Wire out: 55	Wire angle: 0	Bottom Depth: 65	
Net Type: SCORC	Tow Type: VNH		
Flow start 63969	Flow end 64283	Flow = frozen	
		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:

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:



Plankton Net Tow Log Sheet

Cruise #:

Vessel:

Page:

Project(s):

Contact:

TSK Serial #:

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

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:

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:

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:

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: