



Plankton Net Tow Log Sheet

Cruise #: 208-36 Vessel: *NECALITAS* Page: 1
Project(s): *BR 700* Contact: *MARK BELTON*
TSK Serial #: 7129 RBR serial #: 79108

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

Date: <i>26 May 2018</i>	Station: <i>38</i>	Time: <i>16:13</i>	LOCAL
Net Event # <i>3</i>	CTD # <i>1</i>		
Latitude: <i>49 12.056</i> N	Longitude: <i>123 26.378</i> W		
deg min.dec	deg min.dec		
Wire out: <i>290</i>	Wire angle: <i>0</i>	Bottom Depth: <i>309</i>	
Net Type: <i>BowGo</i>	Tow Type: <i>VNH</i>		
Flow start <i>01879</i>	Flow end <i>03907</i>	Flow = frozen	
		Non-flow = <i>pickled</i>	

Notes:

Date: <i>26 May 2018</i>	Station: <i>40</i>	Time:	LOCAL
Net Event # <i>7</i>	CTD #		
Latitude: <i>49 8</i> N	Longitude: <i>123 36</i> W		
deg min.dec	deg min.dec		
Wire out: <i>136</i>	Wire angle:	Bottom Depth: <i>146</i>	
Net Type: <i>BowGo</i>	Tow Type: <i>VNH</i>		
Flow start <i>03967</i>	Flow end	Flow = frozen	
		Non-flow = <i>pickled</i>	

Notes:

Date: <i>27 May 2018</i>	Station: <i>1601</i>	Time: <i>9:05</i>	LOCAL
Net Event # <i>10</i>	CTD # <i>6</i>		
Latitude: <i>49 15 134</i> N	Longitude: <i>123 45 845</i> W		
deg min.dec	deg min.dec		
Wire out: <i>390</i>	Wire angle: <i>-</i>	Bottom Depth: <i>500</i>	
Net Type: <i>BowGo</i>	Tow Type: <i>VNH</i>		
Flow start <i>03907</i>	Flow end <i>06789</i>	Flow = frozen	
		Non-flow = <i>pickled</i>	

Notes:

Date: <i>27 May 2018</i>	Station: <i>28</i>	Time: <i>11:01</i>	LOCAL
Net Event # <i>16</i>	CTD # <i>13</i>		
Latitude: <i>49 24 209</i> N	Longitude: <i>123 45 739</i> W		
deg min.dec	deg min.dec		
Wire out: <i>120</i>	Wire angle: <i>15-20</i>	Bottom Depth: <i>130m</i>	
Net Type: <i>BowGo</i>	Tow Type: <i>VNH</i>		
Flow start <i>09191</i>	Flow end <i>10150</i>	Flow = frozen	
		Non-flow = <i>pickled</i>	

Notes: *Point chips in sample*

**Formalin dispenser is broken - using backup*



Plankton Net Tow Log Sheet

Cruise #: 2018-36 Vessel: N60CALTRANS Page: 2

Project(s): SoG-200

Contact: Mark Belton

TSK Serial #:

RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 27 May 2018	Station: CPF1	Time: 1331	LOCAL (bottom)
Net Event # 20	CTD # 17		
Latitude: 49° 22.299 N	Longitude: 124° 5.278 W		
deg min.dec	deg min.dec		
Wire out: 235m	Wire angle: -	Bottom Depth: 245m	
Net Type: Bongo	Tow Type: VNH		
Flow start 10151	Flow end 15003	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 27 May 2018	Station: 24	Time: 1522	LOCAL (bottom)
Net Event # 23	CTD # 21		
Latitude: 49° 30.450 N	Longitude: 124° 6.172 W		
deg min.dec	deg min.dec		
Wire out: 410m	Wire angle: 0	Bottom Depth: 420m	
Net Type: Bongo	Tow Type: VNH		
Flow start 15385	Flow end 18291	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 27 May 2018	Station: IS-2	Time: 1626	LOCAL
Net Event # 25	CTD # 24		
Latitude: 49° 38.198 N	Longitude: 124° 5.000 W		
deg min.dec	deg min.dec		
Wire out: 20	Wire angle: 0	Bottom Depth: 30	
Net Type: Bongo	Tow Type: VNH		
Flow start 18291	Flow end 18423	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 28 May 2018	Station: 22	Time: 0900	LOCAL
Net Event # 30	CTD # 26		
Latitude: 49° 40.394 N	Longitude: 124° 16.353 W		
deg min.dec	deg min.dec		
Wire out: 352	Wire angle: 0	Bottom Depth: 3632	
Net Type: Bongo	Tow Type: VNH		
Flow start 18425	Flow end 20650	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2018-36 Vessel: Neocaligus Page: 3

Project(s): S06-200 Contact: Mark Belton

TSK Serial #: RBR serial #:

Time offset = +

hrs = UTC (please record local time for samples)

Date: 28 May 2018	Station: 11	Time: 1301	LOCAL
Net Event # 37	CTD # 34		
Latitude: 49° 42.424 N	Longitude: 124° 43.27 W		
deg min.dec	deg min.dec		
Wire out: 280	Wire angle: 0	Bottom Depth: 290m	
Net Type: Bongo	Tow Type: VNH		
Flow start 20650	Flow end 22509	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 28 May 2018	Station: BS-11	Time: 1553	LOCAL
Net Event # 43	CTD # 40		
Latitude: 49° 29.003 N	Longitude: 124° 45.994 W		
deg min.dec	deg min.dec		
Wire out: 481	Wire angle: 0	Bottom Depth: 59	
Net Type: Bongo	Tow Type: VNH		
Flow start 22509	Flow end 22925	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 29 May 2018	Station: CPF2	Time: 911	LOCAL
Net Event # 47	CTD # 44		
Latitude: 49° 27.784 N	Longitude: 124° 29.936 W		@ bttm
deg min.dec	deg min.dec		
Wire out: 319	Wire angle: 0	Bottom Depth: 329	
Net Type: Bongo	Tow Type: VNH		
Flow start 22926	Flow end 25418	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 30 May 2018	Station: 59	Time: 1454	LOCAL
Net Event # 60	CTD # 56		
Latitude: 48° 37.065 N	Longitude: 123° 15.058 W		
deg min.dec	deg min.dec		
Wire out: 220	Wire angle: 0	Bottom Depth: 230	
Net Type: Bongo	Tow Type: VNH		
Flow start 26030	Flow end 27638	Flow = frozen	
		Non-flow = pickled	

Notes:

→ LOST COD END OVER BOARD



Plankton Net Tow Log Sheet

Cruise #: 2018-36 Vessel: Neocaligus Page: 4
 Project(s): SOG-200 Contact: Mark Belton
 TSK Serial #: RBR serial #:

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

Date: 3 MAY 2018	Station: CBE2	Time: 0838	LOCAL
Net Event # 62	CTD # 61		
Latitude: 48 44 225 N	Longitude: 123 34 413 W		
deg min.dec	deg min.dec		
Wire out: 55	Wire angle: ~10°	Bottom Depth: 65	
Net Type: Bongo	Tow Type: VNH		
Flow start 27638	Flow end 28008	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 3 MAY 2018	Station: SC-04	Time: 0949	LOCAL
Net Event # 66	CTD # 63		
Latitude: 48 43 466 N	Longitude: 123 25 963 W		
deg min.dec	deg min.dec		
Wire out: 80	Wire angle: 10	Bottom Depth: 90	
Net Type: Bongo	Tow Type: VNH		
Flow start 28009	Flow end 28561	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 3 MAY 2018	Station: GE-01	Time: 1046	LOCAL
Net Event # 68	CTD # 67		
Latitude: 48 45 715 N	Longitude: 123 26 388 W		
deg min.dec	deg min.dec		
Wire out: 55	Wire angle: 10	Bottom Depth: 65	
Net Type: Bongo	Tow Type: VNH		
Flow start 28560	Flow end 28950	Flow = frozen	
		Non-flow = pickled	

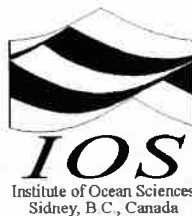
Notes:

Date: 3 MAY 2018	Station: 46	Time: 1327	LOCAL
Net Event # 71	CTD # 69		
Latitude: 48 51 415 N	Longitude: 123 10 743 W		
deg min.dec	deg min.dec		
Wire out: 166	Wire angle: 0	Bottom Depth: 176	
Net Type: Bongo	Tow Type: VNH		
Flow start 28950	Flow end 31199	Flow = frozen	
		Non-flow = pickled	

Notes:

WRONG! SEE BELOW

- * FAILED ATTEMPT ON 1ST BONGO ATTEMPT.
- DEFENDED TO FAST INITIALLY AND TANGLED NET, DID NOT READ FLOW METER BEFORE SECOND ATTEMPT
 - NET TOWED HORIZONTALLY FOR ~1 MIN PRIOR TO 2ND CAST DUE TO WIRE CORRECTION



Plankton Net Tow Log Sheet

Cruise #: 2018-36 Vessel: Neocaligus Page: 5
Project(s): S06-200 Contact: Mark Beaton
TSK Serial #: RBR serial #:

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

Date: 31 May 2018	Station: 41	Time: 16:19	LOCAL
Net Event # 77	CTD # 74		
Latitude: 49° 03.380 N	Longitude: 123° 22.838 W		
deg min.dec	deg min.dec		
Wire out: 236	Wire angle: 15°	Bottom Depth: 246	
Net Type: Bongo	Tow Type: VMH		
Flow start 31198	Flow end 33833	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 1 Jun 2018	Station: 40	Time: 9:07	LOCAL
Net Event # 80	CTD # 79		
Latitude: 49° 8.630 N	Longitude: 123° 36.814 W		
deg min.dec	deg min.dec		
Wire out: 136	Wire angle: ~5°	Bottom Depth: 146 m	
Net Type: Bongo	Tow Type: VMH		
Flow start 33835	Flow end 34867	Flow = frozen	
		Non-flow = pickled	

Notes: conditions : little bit wavy

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: Bongo	Tow Type: VMH		
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: Bongo	Tow Type: VMH		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2018-36 Vessel: Neowligus Page: 6
Project(s): SOG-200 Contact: Mark Patton
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: Bongo	Tow Type: VNH		
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: Bongo	Tow Type: VNH		
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: Bongo	Tow Type: VNH		
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: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes: