



Plankton Net Tow Log Sheet

Cruise #: 2016-71 Vessel: Vector Page: 1

Project(s): SoG Contact: TF/KS

TSK Serial #: 7129 RBR serial #: 79110

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

Date: 30 Oct 2016	Station: 59	Time: 03:57	LOCAL 20:57
Net Event # 3	CTD # 4		
Latitude: 48 deg 37.715 min.dec N	Longitude: 123 deg 14.82 min.dec W		
Wire out: 150	Wire angle: 20	Bottom Depth: 214	
Net Type: SCOR	Tow Type: VNH		
Flow start 25886	Flow end 26780	Flow = frozen	
		Non-flow = pickled	

Notes: brought net in after initial dip to put on 2nd weight to help w poor wire angle due to current aft

Date: 31 Oct 2016	Station: 102	Time: 0829	LOCAL
Net Event # 7	CTD # 8		
Latitude: 48 deg 30.157 min.dec N	Longitude: 124 deg 44.105 min.dec W		
Wire out: 242	Wire angle: 10°	Bottom Depth: 252	
Net Type: SCOR	Tow Type: VNH		
Flow start 26780	Flow end 28610	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 31 Oct. 16	Station: 72	Time: 2130	LOCAL 1430
Net Event # 13	CTD # 14		
Latitude: 48 deg 18.98 min.dec N	Longitude: 124 deg 03.898 min.dec W		
Wire out: 174	Wire angle: ↓	Bottom Depth: 184	
Net Type: SCOR	Tow Type: VNH		
Flow start 28618	Flow end 30028	Flow = frozen	
		Non-flow = pickled	

Notes: large aft lead ~ 0-20 m and 20-0 m. ~ 30°

Date: NOV 1, 2016	Station: 46	Time: 06:39	LOCAL
Net Event # 28	CTD # 29		
Latitude: 48 deg 51.388 min.dec N	Longitude: 123 deg 10.814 min.dec W		
Wire out: 168	Wire angle: 20°	Bottom Depth: 178	
Net Type: SCOR	Tow Type: VNH		
Flow start 30028	Flow end 32181	Flow = frozen	
32181	32728	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2016-71 Vessel: Vector Page: 2
Project(s): SoG Contact: TF/KS
TSK Serial #: 7129 RBR serial #: 79110
Time offset = + hrs = UTC (please record local time for samples)

Date: 1 Nov 2016	Station: 41	Time: 10:17	LOCAL
Net Event # 34	CTD # 25		
Latitude: 49° 3.270' N	Longitude: 123° 22.205' W		
deg min.dec	deg min.dec		
Wire out: 230	Wire angle: 10°	Bottom Depth: 240	
Net Type: SCOR	Tow Type: VNF		
Flow start	Flow end	Flow = frozen	
32181	32728	Non-flow = pickled	

Notes:

Date: 02 Nov 16	Station: 40	Time:	LOCAL
Net Event # 38	CTD # 39		
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:



Plankton Net Tow Log Sheet

Cruise #: 2016-71 Vessel: Vector Page: 3 For some reason
Project(s): SoG Contact: TF/KS
TSK Serial #: 7129 RBR serial #: 79110

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

Date: Nov 1	Station: 40	Time: 13:31 (Bot) LOCAL
Net Event # 38	CTD # 39	
Latitude: 49 deg 08.546 N	Longitude: 123 deg 36.746 W @ bot	
Wire out: 143	Wire angle: 0	Bottom Depth: 153
Net Type: SCOR	Tow Type: VNH	
Flow start 32728	Flow end 33665	Flow = frozen
		Non-flow = pickled

Notes:

Date: 01 Nov 2016	Station: 38	Time: 23:00 LOCAL 16:00
Net Event # 41	CTD # 42	
Latitude: 49 deg 11.967 N	Longitude: 123 deg 28.339 W	
Wire out: 298	Wire angle: 0	Bottom Depth: 308
Net Type: SCOR	Tow Type: VNH	
Flow start 33665	Flow end 35378	Flow = frozen
		Non-flow = pickled

Notes:

Date: 01 Nov 16	Station: GE01	Time: 1937 LOCAL
Net Event # 44	CTD # 45	
Latitude: 49 deg 15.017 N	Longitude: 123 deg 04.484 W	
Wire out: 300	Wire angle: 25°	Bottom Depth: 406
Net Type: SCOR	Tow Type: VNH	
Flow start 35378	Flow end 38342	Flow = frozen
		Non-flow = pickled

Notes:

crappy weather, cut it short

Date: 02 Nov 2016	Station: 28	Time: 1833 LOCAL
Net Event # 53	CTD # 54	
Latitude: 49 deg 24.136 N	Longitude: 123 deg 45.162 W	
Wire out: 125	Wire angle: 0	Bottom Depth: 135
Net Type: SCOR	Tow Type: VEE EN EEH(4h)	
Flow start 38342	Flow end 40425	Flow = frozen
		Non-flow = pickled

Notes:

~ 20 kn wind, very rainy. Ship well position, wind not too much of an influence



Plankton Net Tow Log Sheet

Cruise #: 2016-71 Vessel: Vector Page:

Project(s): SOG Contact:

TSK Serial #: 7129 RBR serial #: 79110

Time offset = +

hrs = UTC (please record local time for samples)

Date: 11 Nov 2016	Station: 14	Time: 2327	LOCAL
Net Event # 65	CTD # 66		
Latitude: 49 deg	52.899 min.dec N	Longitude: 124 deg	59.236 min.dec W
Wire out: 300	Wire angle: 20	Bottom Depth: 315	
Net Type: VNH	Tow Type:		
Flow start 40430	Flow end 42304	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 4 Nov 2016	Station: CPF2	Time: 0518	LOCAL
Net Event # 69	CTD # 70		
Latitude: 49 deg	27.973 min.dec N	Longitude: 124 deg	29.763 min.dec W
Wire out: 315	Wire angle: 17	Bottom Depth: 307	
Net Type: SCOR	Tow Type: VNH		
Flow start 42304	Flow end 44865	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 4 Nov 16	Station: CPF1	Time: 1110	LOCAL
Net Event # 75	CTD # N/A		
Latitude: 49 deg	22.017 min.dec N	Longitude: 124 deg	5.140 min.dec W
Wire out: 236	Wire angle: 10	Bottom Depth: 232	
Net Type: SCOR	Tow Type: VNH		
Flow start 44865	Flow end 46538	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 4 Nov 16	Station: GI-01	Time: 1915	LOCAL
Net Event # 81	CTD # -		
Latitude: 48 deg	46.849 min.dec N	Longitude: 123 deg	20.526 min.dec W
Wire out: 64	Wire angle: 0	Bottom Depth: 74	
Net Type: SCOR	Tow Type: VNH		
Flow start 46538	Flow end 46905	Flow = frozen	
		Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 2016-71 Vessel: Vector Page: 5
Project(s): SOG Contact: KS/TF
TSK Serial #: 7129 RBR serial #: 7940

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

Date: 4 Nov 16	Station: SC-04	Time: 20:02	LOCAL
Net Event # 82	CTD #		
Latitude: 48 43.503 N	Longitude: 123 24.997 W		
deg min.dec	deg min.dec		
Wire out: 82	Wire angle: 0	Bottom Depth: 92	
Net Type: SCOR	Tow Type: UNH		
Flow start 46905	Flow end 47383	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:



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:

Station: 59

Start: 25880

150 m

3000 ft

bottom

Stop: 26780

depth

brought net in after initial
dip to put in 2nd weight
to keep C pair wire angle
due to current aft

7129 ~ 35° wire angle initially
on down

2015

20°

wire angle

coeff

for sample

0.1426

TSK serial: 7129

RBR serial: 79110

Station 102

CTD: 8

Start: 26780

Stop: 28610

7689 U

At the Rain

station 40

event 38

net

depth 153

wire out 143

wire angle

start 32728

stop 33665

Station 72

start 28618

stop 2

30028

30028

174m

net depth

184 total

depth

Event 28

Station 46

168m

start 30028

stop

32181

46 end 32728

net depth = 168

total depth =

Event 34

Station 41

start 32181

stop 32728

Net depth 230

10°

(Kjg)

Rite in the Rain

Stn 38

Flow start: 33665

Flow end: 35378

bottom depth: 308

wire out: 298

wire angle: 0

Stn 6001

406m

Flow start: 35378

Flow end: 38342

bottom depth 40m net depth

wire out ~~300~~ 300

wire angle

25 knot wind

varied through cast from
0 35°

~~100~~
CTD 1

49 17.969

~~1A5~~ 1A6

123 05.469

CTD+
1CW

2 49 19.029

BI 1

123 13.130

Ros

3 49 17.715

BI 2

-123 20.573

Stn 28

flow start 38342

flow end 40425

bottom depth 135

wire out 125

wire angle: 0

~20 knot wind, very rainy
ship well positioned. Wind not too
much of an influence.

Stn 14

flow start 40430

flow end 42304

bottom depth 315

wire out 300

wire angle 20°

Note on the bottom
Station CPF2:

Flow meter start: 42304

" stop: 44865

bottom depth: ~~329~~ 301

wire out: 315

wire angle: 17

CPF1: 04-NOV/16

Flow start 44865

stop 46538

bottom depth 232

wire out 236

angle 10

GI-01

Flow start: 46538

flow end: 46905

bottom depth: ~~74~~

wire out: 64

wire angle: 0°

SC04

flow start: 47905

flow end: 47383

bottom depth: 92

wire out: 82

wire angle: 0

