



Plankton Net Tow Log Sheet

Cruise #: 2016-05 Vessel: Vector Page: 1

Project(s): SOG Contact: Nina

TSK Serial #: 7132 RBR serial #: 108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 21 Apr 2016	Station: 59	Time: 21:57	LOCAL
Net Event # 5	CTD # 3		
Latitude: 48 37.74 N	Longitude: 123 14.58 W		
deg min.dec	deg min.dec		
Wire out: 219	Wire angle: 15	Bottom Depth: 228	
Net Type:	Tow Type: SCOR VNA		
Flow start	Flow end	Flow = frozen	
63022	63000	Non-flow = pickled	

Notes: lots of phyto - in 2 small jars.

Date: 22 Apr '16	Station: 72	Time: 1457	LOCAL
Net Event # 16	CTD # 15		
Latitude: 48 18.542 N	Longitude: 124 04.017 W		
deg min.dec	deg min.dec		
Wire out: 190	Wire angle: 12	Bottom Depth: 190	
Net Type:	Tow Type: SCOR VNA		
Flow start	Flow end	Flow = frozen	
63003	65720	Non-flow = pickled	

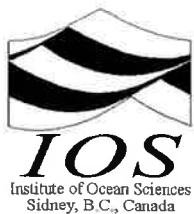
Notes:

Date: 23 Apr '16	Station: 63	Time: 00:22	LOCAL
Net Event # 29	CTD # 28		
Latitude: 48 14.627 N	Longitude: 122° 58.598 W		
deg min.dec	deg min.dec		
Wire out: 146	Wire angle: 0	Bottom Depth: 156	TOW DEPTH 146
Net Type:	Tow Type: SCOR VNA		
Flow start 65720	Flow end 66610	Flow = frozen	
		Non-flow = pickled	

Notes: bottom time is estimate winch operator turned around without telling anyone.

Date: 23 Apr '16	Station: 42	Time: 1650	LOCAL
Net Event # 47	CTD # 43		
Latitude: 49 1.799 N	Longitude: 123 26.20 W		
deg min.dec	deg min.dec		
Wire out: 312	Wire angle:	Bottom Depth:	
Net Type:	Tow Type: SCOR VNA		
Flow start	Flow end	Flow = frozen	
66610	66726	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: Vessel: Page: 2

Project(s): Contact:

TSK Serial #: RBR serial #:

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

Date: 23 Apr '16	Station: 35	Time: 2013	LOCAL
Net Event # 53	CTD # 52		
Latitude: 49 deg	12.001 N min.dec	Longitude: 123.26374 W deg	min.dec
Wire out: 302	Wire angle: 5	Bottom Depth:	
Net Type:	Tow Type: SOR	JNA	
Flow start	Flow end	Flow = frozen	
600726	70486	Non-flow = pickled	

Notes:

Date: 23 Apr '16	Station: 40	Time: 2150	LOCAL
Net Event # 55	CTD # 56		
Latitude: 49 deg	8.607 N min.dec	Longitude: 123.36809 W deg	min.dec
Wire out: 145	Wire angle:	Bottom Depth:	
Net Type:	Tow Type: SOR	JNA	
Flow start	Flow end	Flow = frozen	
70486	7130	Non-flow = pickled	

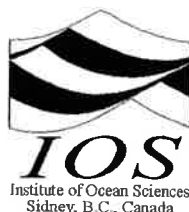
Notes:

Date: 23 Apr 2016	Station: 6204	Time: 2332	LOCAL
Net Event # 58	CTD # 57		
Latitude: 49 deg	15.004 N min.dec	Longitude: 123.44903 W deg	min.dec
Wire out: 356	Wire angle:	Bottom Depth: 406	
Net Type:	Tow Type: SOR	JNA	
Flow start	Flow end	Flow = frozen	
7130	73562	Non-flow = pickled	

Notes:

Date: 24 Apr 2016	Station: 28	Time: 0305	LOCAL
Net Event # 64	CTD # 63		
Latitude: 49 deg	24.049 N min.dec	Longitude: 123.45352 W deg	min.dec
Wire out: 130	Wire angle: 0	Bottom Depth: 140	
Net Type:	Tow Type: SOR	VNH	
Flow start 73562	Flow end 74588	Flow = frozen	
		Non-flow = pickled	

Notes: big aft lead on the way up 30-45° got worse as we approached surface



Plankton Net Tow Log Sheet

Cruise #: 2016-05 Vessel: VECTOR Page: 3

Project(s): SOG Contact: NINA

TSK Serial #: 7132 RBR serial #: 108

Time offset = +

hrs = UTC (please record local time for samples)

Date: 24 APR Station: 24 Time: 0455 LOCAL

Net Event # 65 CTD # 66

Latitude: 49° 30.389 N Longitude: 124° 6.014 W
deg min.dec deg min.dec

Wire out: 420 Wire angle: 0 Bottom Depth: 432

Net Type: SCOR Tow Type: VNH

Flow start 74588 Flow end 76958 Flow = frozen

Non-flow = pickled

Notes: lots of small fish swimming @ surface. bioluminescence
xellies clytia? small left in sample during pickling
wire nice and straight throughout

Date: 24 APR Station: CPF1 Time: 0759 LOCAL

Net Event # 70 CTD # 69

Latitude: 49° 22.033 N Longitude: 124° 5.086 W
deg min.dec deg min.dec

Wire out: 240 Wire angle: Bottom Depth: 250

Net Type: SCOR Tow Type: VNH

Flow start 76958 Flow end 78412 Flow = frozen

Non-flow = pickled

Notes:

Date: 24 Apr 2016 Station: BSU Time: 1251 LOCAL

Net Event # 75 CTD # 74

Latitude: 49° 21.00 N Longitude: 124° 46.00 W
deg min.dec deg min.dec

Wire out: 55 Wire angle: 0 Bottom Depth: 60

Net Type: Tow Type: SCOR JNH

Flow start Flow end Flow = frozen

78412 78768 Non-flow = pickled

Notes:

Date: 24 Apr 2016 Station: CPF2 Time: 1414 LOCAL

Net Event # 76 CTD # 77

Latitude: 49° 29.930 N Longitude: 124° 29.931 W
deg min.dec deg min.dec

Wire out: 320 Wire angle: 0° Bottom Depth: 330

Net Type: Tow Type: SCOR VNH

Flow start Flow end Flow = frozen

78768 80709 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: 24 Apr '16	Station: 11	Time: 1930	LOCAL
Net Event # 84	CTD # 83		
Latitude: 49 42.111 N	Longitude: 124 43.558 W		
deg min.dec	deg min.dec		
Wire out: 294	Wire angle: 0	Bottom Depth: 304	
Net Type:	Tow Type: SCOR VNH		
Flow start	Flow end	Flow = frozen	
80709	82390	Non-flow = pickled	
Notes:			

Date: 24 Apr 16	Station: 14	Time: 2244	LOCAL
Net Event # 87	CTD # 88		
Latitude: 49 52.129 N	Longitude: 124 59.761 W		
deg min.dec	deg min.dec		
Wire out: 300	Wire angle: 5	Bottom Depth:	
Net Type:	Tow Type: SCOR VNH		
Flow start	Flow end	Flow = frozen	
82390	84332	Non-flow = pickled	
Notes:			

Date: 25 APR 16	Station: 22	Time: 0831	LOCAL
Net Event # 98	CTD # 97		
Latitude: 49 40.222 N	Longitude: 124 16.254 W		
deg min.dec	deg min.dec		
Wire out: 346	Wire angle: 0	Bottom Depth: 356	
Net Type: SCOR	Tow Type: VNH		
Flow start 84332	Flow end 86406	Flow = frozen	
		Non-flow = pickled	
Notes:			

Date: 25 Apr '16	Station: 46	Time: 1654	LOCAL
Net Event # 105	CTD # 104		
Latitude: 49 51.527 N	Longitude: 123 10.738 W		
deg min.dec	deg min.dec		
Wire out: 1603	Wire angle: 0	Bottom Depth: 178	
Net Type:	Tow Type: SCOR VNH		
Flow start	Flow end	Flow = frozen	
86403	87605	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: 25 Apr 16	Station: 6707	Time: 1836	LOCAL
Net Event # 106	CTD # 107		
Latitude: 48 deg 45.87 min.dec N	Longitude: 123 deg 20.54 min.dec W		
Wire out: 57	Wire angle:	Bottom Depth:	
Net Type:	Tow Type: SCOR VNA		
Flow start	Flow end	Flow = frozen	
87605	88032	Non-flow = pickled	
Notes:			

Date: 25 Apr 16	Station: SC04	Time: 1926	LOCAL
Net Event # 109	CTD # 108		
Latitude: 48 deg 43.49 min.dec N	Longitude: 123 deg 24.98 min.dec W		
Wire out: 86	Wire angle: 5	Bottom Depth: 94	
Net Type:	Tow Type: SCOR VNA		
Flow start	Flow end	Flow = frozen	
88032	88416	Non-flow = pickled	
Notes:			

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude: deg min.dec N	Longitude: deg min.dec W		
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: deg min.dec N	Longitude: deg min.dec W		
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	
Notes:			

1817132 - 2016-05506

~~626387~~ Mounta

~~2nd~~ CAST @ 59

~~7~~ 63022 BE

EN 63800

15° 21904

Sh 72 19004, 19004 120

63303 → 65720

48 18542 × 124 04.017

014.57

"Rising the River"

Sh 65720 event 29
63 CTD 28

start 00:18

48 14.627

122° 58.578

(146) bottom 00:22 estimate

48 14.656

122° 58.638

end 00:26 estimate

6501

CH 57

end 50

71320 → 73562

D

73562

"Rising the River"

Sh 63

event #29
chd 28

Sh 42

event 48
chd 49 S

66610 → 68726

312m at 322 depth

Sh 38

event 53
chd 52

68726 → 70486

Sh 40

event 55
chd 56

70486 →

71320

14505

Sh 24

event 65

76938

CPE 1

25Dm

240 wire out

78412

BS 4

78412 → 78768

CPE 2

78768 → 80709

33060, 34000, 1.0°

4927, 930x124 29.931

1414

80709 →

event 84

std 83

sta 11

82392

Sta 14

event 87

std 88

82392 →

84332

bot 316

net 306

Sta 22

event 97

NET 98

346 wire
cut

84332
86406

"Rite in the Rain"

sta 46

86403 $\rightarrow$ 87605

~~bot 173~~ ~~dept 165~~

sta 6101

87605 $\rightarrow$ 88032

~~sta 5701~~ ~~5701~~

sta 5604

88032 $\rightarrow$ 88516

9601, 9801

