



Plankton Net Tow Log Sheet

Cruise #: 2013¹⁵ Vessel: *Ruber* Page: 1/5
Project(s): *Bardne Herring* Contact: *J. Romaine / L. Forstrath*
TSK Serial #: *7268*

639

6808
DVR68460

Date: <i>6 Aug</i>	Station: <i>grid 101</i>	Time: <i>2005</i>	(LOCAL)
Net Event #	CTD # <i>1</i>	not UTC	
Latitude: <i>48 57.990</i> N		Longitude: <i>128 59.512</i> W	
deg min.dec		deg min.dec	
Wire out: <i>42</i>	Wire angle: <i>0</i>	Bottom Depth: <i>52</i>	
Net Type: <i>Bongo</i>	Tow Type: <i>WXX</i>		
Flow start	Flow end <i>10443</i>	Flow = frozen	
<i>10430</i>		Non-flow = pickled	

Notes:

2

Date: <i>7 Aug</i>	Station: <i>grid 96</i>	Time: <i>0544</i>	(LOCAL)
Net Event #	CTD #	not UTC	
Latitude: <i>48 56.959</i> N		Longitude: <i>126 43.420</i> W	
deg min.dec		deg min.dec	
Wire out: <i>150</i>	Wire angle: <i>90</i>	Bottom Depth: <i>447</i>	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
<i>10743</i>	<i>21505</i>	Non-flow = pickled	

Notes:

3

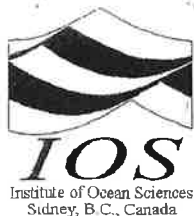
Date: <i>7 Aug</i>	Station: <i>6</i>	Time: <i>1922</i>	(LOCAL)
Net Event #	CTD # <i>5</i>	not UTC	
Latitude: <i>50 14.528</i> N		Longitude: <i>128 5.446</i> W	
deg min.dec		deg min.dec	
Wire out: <i>55</i>	Wire angle: <i>0</i>	Bottom Depth: <i>62</i>	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
<i>21505</i>	<i>21815</i>	Non-flow = pickled	

Notes:

4

Date: <i>8 Aug 13</i>	Station: <i>8</i>	Time: <i>0518</i>	(LOCAL)
Net Event #	CTD #	not UTC	
Latitude: <i>50 35.476</i> N		Longitude: <i>128 23.155</i> W	
deg min.dec		deg min.dec	
Wire out: <i>74</i>	Wire angle: <i>0</i>	Bottom Depth: <i>84</i>	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
<i>21815</i>	<i>22300</i>	Non-flow = pickled	

Notes:



Plankton Net Tow Log Sheet

Cruise #: 203-15 Vessel: WER

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Project(s): SAROWE

Contact: Flostrand

TSK Serial #: 7268

Romaine

Date: 8 Aug 13	Station:	Time: 2006	(LOCAL)
Net Event #: 10	CTD #: 8		not UTC
Latitude: 50 13.1150 N	Longitude: 128 5.5215 W		
deg min.dec	deg min.dec		
Wire out: 123	Wire angle: 0	Bottom Depth: 133	
Net Type: Bongo	Tow Type: JNH		
Flow start	Flow end	Flow = frozen	
22300	23104	Non-flow = pickled	
Notes:			

Date: 9 Aug 13	Station: 12	Time: 0512	(LOCAL)
Net Event #: 12	CTD #: 11		not UTC
Latitude: 49 56.170 N	Longitude: 127 48.944 W		
deg min.dec	deg min.dec		
Wire out: 250	Wire angle: 0	Bottom Depth: 760	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
23109	25104	Non-flow = pickled	
Notes: spilled 5% of sample non-flowmeter side			

Date: 9 Aug 2013	Station: 14	Time: 1722	(LOCAL)
Net Event #: 13	CTD #: 13		not UTC
Latitude: 50 29.17 N	Longitude: 127 41.369 W		
deg min.dec	deg min.dec		
Wire out: 50	Wire angle: -	Bottom Depth: 80 79	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
25104	25332	Non-flow = pickled	
Notes:			

Date: 16 Aug 13	Station: 16	Time: 0501	(LOCAL)
Net Event #: 15	CTD #: 15		not UTC
Latitude: 49 52.024 N	Longitude: 127 32.582 W		
deg min.dec	deg min.dec		
Wire out: 20	Wire angle: 0	Bottom Depth: 79	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
25532	26156	Non-flow = pickled	
Notes:			



Plankton Net Tow Log Sheet

Cruise #: 203-15 Vessel: W.E. ROGER Page: 3/5

Project(s): Sardine Contact: Romaine

TSK Serial #: Flostrand

Date: 10 Aug 13	Station: 18	Time: 2003 (LOCAL)
Net Event #	CTD # 17	not UTC
Latitude: 49 19.823 N	Longitude: 127 7.244 W	
deg min.dec	deg min.dec	
Wire out: 156	Wire angle: 0	Bottom Depth: 166
Net Type: Bong	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
26156	27121	Non-flow = pickled

Notes:

Steve Romaine

Date: 10 Aug 13	Station: 20	Time: 0421 (LOCAL)
Net Event #	CTD # 19	not UTC
Latitude: 49 42.553 N	Longitude: 127 24.732 W	
deg min.dec	deg min.dec	
Wire out: 100	Wire angle: 0	Bottom Depth: 105
Net Type:	Tow Type:	
Flow start	Flow end	Flow = frozen
27121	28012	Non-flow = pickled

Notes:

Steve Romaine

Date: 11 Aug 2013	Station: 22	Time: 1945 (LOCAL)
Net Event #	CTD # 21	not UTC
Latitude: 49 46.131 N	Longitude: 126 59.173 W	
deg min.dec	deg min.dec	
Wire out: 25	Wire angle: 0	Bottom Depth: 35
Net Type: Bong	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
28012	28570	Non-flow = pickled

Notes:

↑ ? what is the 3rd * ?

Steve Romaine

Date: 12 Aug 2013	Station: 24	Time: 02:50 (LOCAL)
Net Event #	CTD # 23	not UTC
Latitude: 49 30.559 N	Longitude: 126 41.628 W	
deg min.dec	deg min.dec	
Wire out: 35	Wire angle: 0	Bottom Depth: 48
Net Type: Bong	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
2770	28429	Non-flow = pickled

Notes:

Linne + Kara.

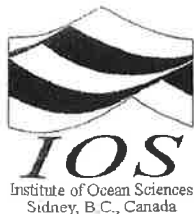
228

this is meter

→ doesn't make sense

reading @ end of cast station 22. Doesn't make

sense 221.1 hour. ... before new bongos cast.



Plankton Net Tow Log Sheet

Cruise #: 2013-15 Vessel: W. Rick Page: 4/5
 Project(s): Sardine Contact: Romaine
 TSK Serial #: _____

Date: 12 Aug 2013	Station: 26	Time: 08:00 pm (LOCAL)
Net Event #	CTD # 25	not UTC
Latitude: 49° 08' 04.0" N	Longitude: 126° 41' 9.59" W	
deg min.dec	deg min.dec	
Wire out: 120	Wire angle: 0	Bottom Depth: 136
Net Type: BONGO	Tow Type: VNH	
Flow start	Flow end	Flow = frozen
28429	29468	Non-flow = pickled

Notes:

Date: 13 Aug 2013	Station: 28	Time: 0405 (LOCAL)
Net Event #	CTD # 27	not UTC
Latitude: 49° 13' 50.7" N	Longitude: 126° 16' 8.55" W	
deg min.dec	deg min.dec	
Wire out: 25	Wire angle: 0	Bottom Depth: 36
Net Type: BONGO	Tow Type: BONGO VNH	
Flow start	Flow end	Flow = frozen
29468	29687	Non-flow = pickled

Notes:

Date: 13 Aug 2013	Station: 30	Time: 19:00 (LOCAL)
Net Event #	CTD # 29	not UTC
Latitude: 48° 47' 56.7" N	Longitude: 125° 43' 6.13" W	
deg min.dec	deg min.dec	
Wire out: 55	Wire angle: 0	Bottom Depth: 67
Net Type: BONGO	Tow Type: VNH	
Flow start 29687	Flow end 30018	Flow = frozen
		Non-flow = pickled

Notes:

Date: 14 Aug 2013	Station: 32	Time: 0400 (LOCAL)
Net Event #	CTD # 31	not UTC
Latitude: 48° 42' 7.44" N	Longitude: 126° 9' 0.38" W	
deg min.dec	deg min.dec	
Wire out: 125	Wire angle: 0	Bottom Depth: 136
Net Type: BONGO	Tow Type: VNH	
Flow start 30018	Flow end 31137	Flow = frozen
		Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: 203-15 Vessel: WERRER Page: 5/5

Project(s): Sardine Contact: Romaine
TSK Serial #: Flostrener

Date: 14 Aug 2013	Station: 34	Time: 1930	(LOCAL)
Net Event #	CTD # 33		not UTC
Latitude: 48° 20' 02.4" N		Longitude: 125° 51' 39.4" W	
deg	min.dec	deg	min.dec
Wire out: 175m	Wire angle: 5	Bottom Depth: 188m	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
31137	32560	Non-flow = pickled	

Notes:

Date: 15 Aug 2013	Station: 36	Time: 0500	(LOCAL)
Net Event #	CTD # 35		not UTC
Latitude: 48° 31' 42.2" N		Longitude: 125° 26' 8.33" W	
deg	min.dec	deg	min.dec
Wire out: 75	Wire angle: 0	Bottom Depth: 87	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
32560	33171	Non-flow = pickled	

Notes:

Date: 15 Aug 2013	Station: 38	Time: 1930	(LOCAL)
Net Event #	CTD # 37		not UTC
Latitude: 48° 46' 9.5" N		Longitude: 125° 26' 45.8" W	
deg	min.dec	deg	min.dec
Wire out: 90	Wire angle: 0	Bottom Depth: 101m	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
33171	33603	Non-flow = pickled	

Notes:

Date: 16 Aug 2013	Station: 40	Time: *	(LOCAL)
Net Event #	CTD # 39		not UTC
Latitude: 48° 36' 48.1" N		Longitude: 125° 00' 42" W	
deg	min.dec	deg	min.dec
Wire out: 50m	Wire angle: 0°	Bottom Depth: 61m	
Net Type: BONGO	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
33603	34011	Non-flow = pickled	

Notes:

