

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month <u>MAY</u>				Year <u>2018</u>			Vessel <u>Neocaligus</u>			Cruise ID <u>2018-36</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
71	46	31	13:21	BE	NET	-	48°51.401	123°10.801	176		-	-	Jw/MB	☐ ☐	- had to redo
			13:27	BO			48°51.415	123°10.743		166	-			☐ ☐	net cast (bongo went down, we redid)
			13:30	EW			48°51.435	123°10.717			-			☐ ☐	doing a bit of horizontal net lower surface before sending net down (2nd attempt)
72	42	31	15:09	BE	CTD	-	49°01.783	123°26.258	320		-	-		☐ ☒	
			15:15	BO			49°01.764	123°26.325		310	-			☐ ☐	
			15:20	EN			49°01.756	123°26.461			-			☐ ☐	
73	42	31	15:21	BE	BOT	MSG	49°01.761	123°26.485	326	0	37-	1	Jw/MB	☐ ☐	1xchl 2xHPLC 1xphyto
74	41	31	15:50	BE	CTD	-	49°03.279	123°22.360	242		-		Jw/MB	☐ ☒	
			15:55	BE	BOT	MSG	49°03.279	123°22.423		232	38-	1		☐ ☐	2x deep salinity
			16:01	EN			49°03.294	123°22.512			-			☐ ☐	
75	41	31	16:03	BE	BOT	MSG	49°03.299	123°22.540	242	5	39-	1	Jw/MB	☐ ☐	POM-SI @ 5m
76	41	31	16:06	BE	BOT	MSG	49°03.306	123°22.568	242	10	40-	2	Jw/MB	☐ ☐	POM-FA @ 5m + 10m
77	41	31	16:16	BE	NET	-	49°03.323	123°22.635	246		-	-	Jw/MB	☐ ☐	
			16:19	BO			49°03.386	123°22.838		236	-			☐ ☐	
			16:23	EN			49°03.404	123°22.932			-			☐ ☐	
78	108	31	16:51	BE	CTD	-	49°04.443	123°19.083	87		-	-	Jw/MB	☐ ☒	
			16:53	BO			49°04.464	123°19.097		77	-			☐ ☐	~15° wire ang 6.
			16:54	EN			49°04.464	123°19.111			-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
 CTD = Standalone CTD
 ROS = CTD in Rosette
 SET = Fish Set

LOOP = Sea Water Loop
 MOR = Mooring
 NET = Plankton Net Haul
 DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
 UN = Up / No stop
 DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
 BO = Bottom Time of Cast
 EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
 MR = Messenger Release Time
 RE = Recover Mooring Time

Produced by the Water Properties Group, IOS

WaterProperties.ca
 Version: 14 February 2013

- event 71 / @ station 46, ^(NET) the bongo went down weird, so had to redo net
- event 71 / station 46 (NET) - on 2nd attempt, did about 1 min of horizontal net tow when net was @ the surface before sending the net down to bottom - 10m (to straighten the line)

* CHLOROPHYLL FILTERED ONLY 204 mLs, FILTER SATURATED, REMAINED 80 mL.

→ CAME INTO STEVENSON ~ 18:00

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Page 10 of [illegible]**Event Type:**

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→ LAST DAY

- noticed a small hole near the cod end (green cup) in bongo nets.