



Regional Operations Centre, Canadian Coast Guard Western



Science Cruise Report: PAC 2018-013

Report last updated: 2018-10-04 19:23:43

Link to Original Plan: [https://www.waterproperties.ca/requests/cruiseplanview.php?](https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2018-013)

cruiseid=2018-013

Department/Group:	Fisheries and Oceans Canada, MEAD
Other Participating Groups:	
Science Cruise Number:	PAC 2018-013
Alternative Cruise Number:	
Ship's Patrol Number:	
Name of Vessel/Platform:	Neocaligus
Dates:	From: Tuesday 07-Aug-2018 To: Friday 31-Aug-2018
Chief Scientist:	Malcolm Wyeth, 250-756-7300, malcolm.wyeth@dfo-mpo.gc.ca
Master:	Al Young
Fishing Master:	Al Young
Appropriateness of Vessel:	Excellent

Time Allocations

Originally Allocated Days **24.00**

Accounting below is given in days and should match the originally allocated days above.

Weather	+ 0.00	
SAR	+ 0.00	
CCG Refueling	+ 0.00	
CCG Ship Repair & Maintenance	+ 2.00	Aug 23 and 24 due to generator
CCG Crew Changes	+ 0.00	
CCG Other	+ 0.00	
Science Operations	+ 15.00	
Science Equipment Loading/Unloading	+ 0.50	
Science Other	+ 0.00	
Days Gained	+ 0.00	
Days Grand Total	= 17.50	

Time Allocation Comments: This survey was severely impacted by Coast Guard crewing issues. In late July the science program leads were informed that Coast Guard was unable to staff the survey with a qualified captain or fishing master. Coast Guard did manage to find a qualified fishing captain to start the survey on August 16 but his

availability was subsequently pushed back to August 22. Coast Guard made additional days in September to make up for the days lost in August. The available days at the end of September were too late to be considered comparable to the historical timing of the survey. The days at the beginning of September were limited due to potential impacts to the subsequent science program on the vessel. This subsequent program required that the Neocaligus transit to Prince Rupert with no science staff on board. Coast Guard was able to reduce the travel time by using additional crew to run the vessel 24 hours per day during the transit to Prince Rupert. As such, we were able to fish up until September 7th. Nonetheless, the original 24 day survey was reduced to only 17 days with additional half days at the start to move the vessel closer to the survey area and at the end to unload gear.

Cruise Events

Areas of Operations

Strait of Georgia

Scientific Personnel

Male - Name Notes (Affiliation, Watches, Duties, etc)

Daniel Williams
Malcolm Wyeth
Norm Olsen

Female - Name Notes (Affiliation, Watches, Duties, etc)

Dana Haggarty
Lindsay Gardner
Kathryn Temple

Event Log

21-Aug 1430: Depart PBS and travel to Ladysmith

22-Aug: Al Young joins the vessel but we are unable to leave the dock as the generator will not start. A part was ordered but will not arrive until 1400 on Aug 23

23-Aug: The generator part arrived early. Science staff picked up the part in Nanaimo and returned to the vessel in the early afternoon. The generator was repaired and although there was insufficient time to complete any fishing, we left the dock and conducted a practice deployment and retrieval

24-Aug: full day fishing – Science crew change Ladysmith

25-Aug: full day fishing

26-Aug: full day fishing

27-Aug: full day fishing

28-Aug: full day fishing

29-Aug: full day fishing – load more bait from PBS in the evening

30-Aug: full day fishing

31-Aug: full day fishing

01-Sep: full day fishing – science crew change in Campbell River

02-Sep: full day fishing

03-Sep: full day fishing

04-Sep: full day fishing

05-Sep: full day fishing

06-Sep: full day fishing

07-Sep: full day fishing – travel to PBS

08-Sep am: Unload at PBS

Scientific Equipment Report

[Not Entered]

Radioisotope Report

[Not Entered]

Scientific Successes and Concerns

Despite the reduced number of days we were able to complete a total of 55 useable sets, 45 of which had associated CTD profiles. This represents approximately 78% of the intended work. Notwithstanding the minor loss of days due to mechanical failure, the delayed start of the survey and the subsequent reduction of total available days can be traced to a shortage of qualified personnel available in Coast Guard. We recognize that Coast Guard has found it difficult to find experienced staff for longlining surveys. Both Captain Al Young and the cook/deckhand Doug Bray have extensive experience longlining on the Neocaligus and provided the necessary training to the deckhand and engineer. After conducting an initial test set with no hooks we able to quickly start survey fishing operations. It is unfortunate that we missed the opportunity to make use of Captain Young's experience to train another commanding officer and/or a Fishing Master.

Platform Successes and Concerns

The Neocaligus itself is well suited to longlining. The fact that we did accomplish as much of the intended work as we did was due not only to the skill but also the assistance, effort, and efficiency of the vessel crew. This survey relies on the assistance of the deck crew not only with operating the fishing gear during deployment and retrieval but also with baiting and preparing hooks for deployment. Further, the captain and crew accommodated a variable daily schedule which enabled us to accomplish additional sets on several days.

Safety Concerns

[Not Entered]

Hazardous Occurrences

[Not Entered]

Other Comments

We would like to reiterate that the captain and crew did an excellent job fishing and the mix of experienced crew with inexperienced proved to be an excellent opportunity for training.

Images

[No Alternative Image Provided]

Image notes:

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