



Regional Operations Centre, Canadian Coast Guard Western



Science Cruise Report: PAC 2022-003

Report last updated: 2022-02-15 10:58:00

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2022-003>

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Department/Group: Fisheries and Oceans Canada, OSD
Other Participating Groups:
Science Cruise Number: PAC 2022-003
Alternative Cruise Number:
Ship's Patrol Number:
Name of Vessel/Platform: Neocaligus
Dates: **From:** Thursday 10-Feb-2022 **To:** Tuesday 15-Feb-2022
Chief Scientist: Kelly Young, 250-363-6502, kelly.young@dfo-mpo.gc.ca
Master: Dustin Flahr
Fishing Master:
Appropriateness of Vessel: Excellent

Time Allocations

Originally Allocated Days 6.00

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	+ 0.00
CCG Crew Changes	+ 0.00
CCG Other	+ 0.00
Science Operations	+ 4.00
Science Equipment Loading/Unloading	+ 0.50
Science Other	+ 1.50
Days Gained	+ 0.00

Days Grand Total = 6.00

Time Allocation Comments: Great weather and experienced crew allowed cruise to finish a day early. One day for vessel to return to PBS from IO!

Cruise Events

Areas of Operations

Strait of Georgia

Scientific Personnel

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

Mark Belton on board lead

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

Event Log

10 Feb 2022; Departed IOS for Nanaimo ~ 0730. Joined vessel at ~1030. Loaded and set up equipment. Departed PBS at ~1230. Conducted science operations at GEO1. All equipment performed satisfactory. Proceeded to work North. Anchored at Tribune Bay.

11 Feb 2022; Continued work proceeding North and around North end of Texada Island. Proceeded South down Malaspina Strait and anchored off Thormanby Isl.

12 Feb 2022; Worked in Central Strait of Georgia and proceeding South. Anchored off Mayne Isl.

13 Feb 2022; Complete southern gulf islands stations. Tied up at IOS. Unload and stored all samples. Departed Vessel. Last science day - vessel transit to PBS

14-15 Feb 2022; Vessel at PBS

Scientific Equipment Report

All science equipment worked well.

The fluorescent light on the CTD turns on at the start, making it easier to check that CTD is ON
Electronic logging system was used and worked well for Daily Logging.

Radioisotope Report

[Not Entered]

Scientific Successes and Concerns

Great weather and smooth sailing, no delays allowed survey to finish a day early.

Thanks to Rowan, Kenny, Hayleigh, Melissa and Germaine for behind the scenes prep and technical support

Thanks to Rick for use of his table and cabinet.

Platform Successes and Concerns

Excellent platform and crew. Crew were efficient and professional and always ready to accommodate.

The winch counter did not count in reverse at the start of the trip – using the ‘manual’ rather than ‘auto’ setting seemed to fix the issue. The equipment was left in the care of the winch shop at the end of last year’s July cruise and was functioning. Backlighting of the display is not working. Maybe a follow up with Greg Middleton at IOS winch shop?

Safety Concerns

[Not Entered]

Hazardous Occurrences

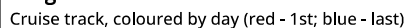
[Not Entered]

Other Comments

Thank you Neocaligus Captain and crew for successful trip.

Thanks to Greg Middleton for help with the winch at the start of the trip

Images



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