



Water Properties Group

Fisheries and Oceans Canada
Institute of Ocean Sciences, Sidney, BC

Science Cruise Report

Your cruise report has been recorded. Please review the document below to ensure that there are no errors. If you wish to edit your cruise report then you may click 'Edit This Cruise Report' button at either the top or bottom of this page.

Distributing Your Cruise Report to Cruise Participants, the Vessel, Coast Guard, the IOS Winch Shop, and the PSVC committee

When you are ready, you may distribute an email containing a link to your completed cruise report to all participants listed on your cruise plan, the vessel you are sailing on, the Regional Operations Centre at Coast Guard, the IOS Winch Shop, and the PSVC committee.

An email may be automatically generated by clicking on the button below and this will provide a link to your reports in the email. This email will be generated using your default email application (e.g., Outlook, Thunderbird, etc) and sent from your account. *You will be able to edit the email message before sending, including adding any other comments or adding other email address that might have an interest in your report.* **IF YOU ARE USING CHROME then clicking the email buttons below will likely generate a not secure form submission warning message and you will not be able to proceed.** If this is the case use use another browser (e.g., Firefox) or use the alternative option below to copy the email to your own email application.

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Regional Operations Centre, Canadian Coast Guard Western



Science Cruise Report: PAC 2022-071

Report last updated: 2022-08-19 11:45:10

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2022-071>

Print Report to Printer or PDF

Department/Group:	Fisheries and Oceans Canada, OSD
Other Participating Groups:	UVic
Science Cruise Number:	PAC 2022-071
Alternative Cruise Number:	
Ship's Patrol Number:	
Name of Vessel/Platform:	Other Vessel
Dates:	From: Tuesday 16-Aug-2022 To: Wednesday 17-Aug-2022
Chief Scientist:	Kelly Young, 250-363-6502, kelly.young@dfo-mpo.gc.ca
Master:	Ken Brown
Fishing Master:	
Appropriateness of Vessel:	Good

Time Allocations

Originally Allocated Days 0.00

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	+ 0.00
Science Equipment Loading/Unloading	+ 0.00
Science Other	+ 0.00
Days Gained	+ 0.00

Days Grand Total = 0.00

Time Allocation Comments:

Cruise Events

Areas of Operations

Strait of Georgia

Scientific Personnel

Name	Notes (Affiliation, Watches, Duties, etc)
Julian Smith	on-board lead
Liam Hubbert	sampling
Nicole Fung	sampling

Event Log

16 Aug 2022: Vessel arrived IOS 7am, loaded gear and set up equipment. Departed IOS early morning. Engine troubles on the way to first station so returned to IOS for repair. Repairs completed in about an hour, returned to survey but cancelled station CBE2.

Conducted science operations at SC-04, 46 and 42. Tied up Steveston

17 Aug 2022: Complete stations 38, 42 and GEO1, left GEO1 early and CPF1 cancelled due to poor weather conditions. Unloaded all gear and science personnel at Nanaimo Marina by 16:30.

Scientific Equipment Report

All equipment functional. Electronic logging system was used and worked great for Daily Logging

Radioisotope Report

[Not Entered]

Scientific Successes and Concerns

Seemed to be a discrepancy between recorded wire out and actual depth measured by our sensors at GEO1, eg CTD was supposed to be to 403m, but only reached 317m, and the net only reached 224m.

Two stations were cancelled due to boat issue on the first day (CBE2) and weather on 2nd (CPF1).

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

Platform Successes and Concerns

Not sure if there was a problem with the winch/block at last station that prevented the full water column to be sled (see note in Scientific Successes and Concerns).

Weather/swell on the 17th made transiting difficult, reduced speed between stations prevented us from reaching our last station (CPF1).

Safety Concerns

[Not Entered]

Hazardous Occurrences

[Not Entered]

Other Comments

Thank you RV John Strickland Captain and crew for all your help

Images

[No Alternative Image Provided]
Image notes:

Page generated from: <https://www.waterproperties.ca:443/requests/cruisereportssubmit.php> on Friday 19 August 2022 11:45:10

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Water Properties Main Page