



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: "The information that you're about to submit is not secure Because this form is being submitted using a connection that's not secure, your information will be visible to others.". If you receive this message, then click "Send Anyways" and this will spawn an email that you can then edit before sending. Alternatively you can copy the email to your own email application or use another browser (e.g., Firefox).

[Send Cruise Report Email](#)

[Click to open email message that you can copy into your own email](#)

[Edit This Cruise Report](#)



Regional Operations Centre, Canadian Coast Guard Western



Science Cruise Report: PAC 2024-028

Report last updated: 2024-10-21 11:03:52

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2024-028>

[Print Report to Printer or PDF](#)

Department/Group:	Fisheries and Oceans Canada, ESD
Other Participating Groups:	OSD
Science Cruise Number:	PAC 2024-028
Alternative Cruise Number:	
Ship's Patrol Number:	24-08
Name of Vessel/Platform:	Franklin
Dates:	From: Tuesday 01-Oct-2024 To: Wednesday 16-Oct-2024
Chief Scientist:	Amy Tabata, 778-269-0257, amy.tabata@dfo-mpo.gc.ca
Master:	Jeff Olsson
Fishing Master:	Simon Winterburn
Appropriateness of Vessel:	Excellent

Time Allocations

Originally Allocated Days 15.00

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

Weather	+ 1.00	1 x 0.5, 2 x 0.25, days due to weather
SAR	+ 0.00	
CCG Refueling	+ 0.00	
CCG Ship Repair & Maintenance	+ 0.00	
CCG Crew Changes	+ 0.00	

still accomplish as much as possible. We were able to successfully complete 70 midwater trawl fishing events, 42 CTD and oceanography events, and 41 zooplankton bongo net deployments.

From the trawl sampling, we were able to identify and quantify over 40 species, collect >3,000 lengths and weight measurements, enumerated almost 1,000 diets, and got all other biological samples we hoped for.

Platform Successes and Concerns

Success The vessel was able to perform fishing and oceanography operations safely and effectively.

Success The quality of the meals was outstanding and each person looked forward to every meal.

The Science crew appreciated the efforts by the cooks and kitchen staff to accomodate all dietary needs and requests. All items, including menu items, snacks, salads etc. were very well labelled, which made it clear and easy to identify "safe" choices for those with individual requirements.

The entire science staff thought the kitchen crew did an excellent job. The stewards and Logistics Officer were; always friendly, and helpful with anything.

Success The vessel crew exhibited flexibility in mealtimes, which helped to maximize fishing and oceanography operations. Science is extremely grateful to the FM and Lead Cook for re-arranging deck crew and science meals as needed.

Success The science team received the full allocation of Science-assigned cabins (CS + 5 cabins).

Concern The hopper used to send large catches to the wetlab collects and holds water from the

trawl deck. If not emptied before adding the catch, or if the catch contains a large amount of water; this causes delays as the catch "floats" in the

excess water and must be released from the hopper super slowly to allow the water to drain

before the catch will move up the belts. Improved drainage in transition area between the hopper and the first conveyor belt would be helpful. Ensuring lab staff empty the water throughout the day

helped to reduce this problem.

Concern the Hydraulics on the rosette "barn doors" had a leak on the first day of operations. This was fixed quickly by the engineering team and allowed us to resume rosette operations shortly afterwards. These doors often had a terrible squeeling noise, but did perform as needed.

- the feed to trawlway cameras was not available in the wet lab or the control lab. Minor inconvenience, but the availability does allow the CS and science staff to monitor fishing deployment or retrieval status which can be very handy.

Safety Concerns

No safety concerns were experienced or observed.

Hazardous Occurrences

No hazardous occurrences were experienced or observed

Other Comments

Thanks to Captain Olsson, FM Simon Winterburn, and all the crew for helping us to complete a successful science mission.

Images

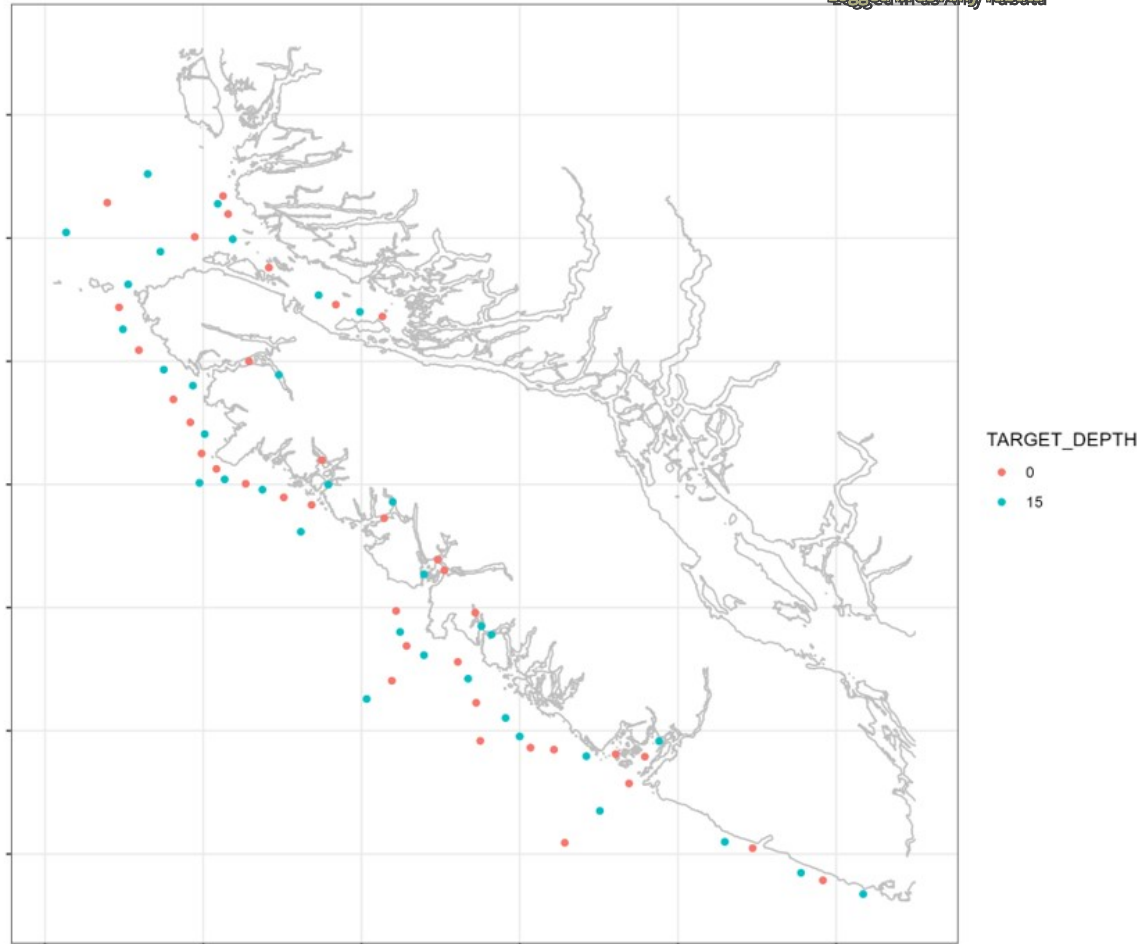


Image notes:
Map of successful fishing locations during the BCSI 2024 Fall Midwater trawl survey.

Other Supporting Documents:
Note that some of these files may not load correctly in your browser when clicked, but you can right-click on them and save them to your local machine to view.

Filename	Type	Size	Modified
 2024-028logbook.pdf	file	287K	Friday 18 Oct 2024 13:22
 2024-028plan1.jpg	file	543K	Tuesday 30 Jul 2024 11:38
 2024-028report1.jpg	file	69K	Friday 18 Oct 2024 14:08
 2024-028report1.jpeg	file	157K	Friday 18 Oct 2024 13:40

[Edit This Cruise Report](#)