



Regional Operations Centre Canadian Coast Guard Western



Science Cruise Report: PAC 2022-019

Report last updated: 2022-10-27 10:46:15

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2022-019>

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Department/Group: Fisheries and Oceans Canada, OSD

Other Participating Groups:

Science Cruise Number: PAC 2022-019

Alternative Cruise Number:

Ship's Patrol Number:

Name of Vessel/Platform: Vector

Dates: From: Wednesday 12-Oct-2022 To: Tuesday 18-Oct-2022

Chief Scientist: Caitlin O'Neill, 250-363-6605, caitlin.oneill@dfo-mpo.gc.ca

Master: Bennett Light

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	+ 1.25	shipboard internal communication system failed and we had to go back to IOS and get it fixed
CCG Crew Changes	+ 0.00	
CCG Other	+ 0.00	
Science Operations	+ 4.25	
Science Equipment Loading/Unloading	+ 0.50	
Science Other	+ 0.00	
Days Gained	+ 0.00	
Days Grand Total	= 6.00	

Time Allocation Comments: 24 hour operations with mooring work done during bosun hours (0700-1900) were met by the ship.

Cruise Events

Areas of Operations

Juan de Fuca, Strait of Georgia, West Coast Vancouver Island

Scientific Personnel

Male - Name	Notes (Affiliation, Watches, Duties, etc)
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Scott Rose	
Peter Van Buren	
Svein Vagle	

Female - Name	Notes (Affiliation, Watches, Duties, etc)
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Caitlin O'Neill	
Rianna Burnham	
Lucy Quayle	

Event Log

Oct 12: 1200 load Vector at IOS. 1600 leave IOS headed to Swiftsure Bank.

Oct 13: fire alarm at 0423.; Vector had to turn around and head back to IOS for repairs.; Arrived back at IOS at 1630.

Oct 14: Repairs and inspection completed and left IOS at 0900.; Headed to Haro Strait and serviced Haro Strait and Sooke moorings. Overnight acoustic transects and CTDs in Juan de Fuca Strait.

Oct 15: On Swiftsure Bank. Deploy Swiftsure Shelf and Swiftsure Canyon moorings. Service Swiftsure ISZ and Swiftsure MEQ moorings. Retrieve 7 fish logger moorings. Overnight acoustic transects and CTDs in Juan de Fuca Strait.

Oct 16: Service Jordan River and Port Renfrew moorings, retrieve 3 fish logger moorings. Transit overnight to Swanson channel.

Oct 17: Service Swanson Channel, Boundary Pass, and East Point mooring. Overnight acoustic transects in Boundary Pass and Swanson Channel.

Oct 18: offload at IOS.

Scientific Equipment Report

All science equipment worked as expected.

Radioisotope Report

N/A

Scientific Successes and Concerns

9 of 11 acoustic moorings were serviced.; 2 moorings were unable to be serviced due to lost vessel science time, but that work has been arranged for other cruises.;

Platform Successes and Concerns

The Vector is a perfect vessel for our operations.;

Safety Concerns

No safety concerns.

Hazardous Occurrences

N/A

Other Comments

Super nice weather for Salish Sea in October!




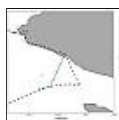

Images

**Image notes:**

Retrieving a mooring at sunrise.

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
 2022-019_deckplan.docx	file	37K	Friday 19 Aug 2022 12:55
 2022-019plan1.jpg	file	164K	Friday 19 Aug 2022 12:55
 2022-019plan3.jpg	file	85K	Friday 19 Aug 2022 12:55
 2022-019plan4.jpg	file	33K	Thursday 06 Oct 2022 08:02
 2022-019report1.jpg	file	224K	Thursday 27 Oct 2022 10:45

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