



## Regional Operations Centre, Canadian Coast Guard Western



### Science Cruise Report: PAC 2023-081

Report last updated: 2023-10-11 11:45:40

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2023-081>

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**Department/Group:** Fisheries and Oceans Canada, OSD  
**Other Participating Groups:**  
**Science Cruise Number:** PAC 2023-081  
**Alternative Cruise Number:**  
**Ship's Patrol Number:** 23-08  
**Name of Vessel/Platform:** J.P. Tully  
**Dates:** From: Wednesday 04-Oct-2023 To: Tuesday 10-Oct-2023  
**Chief Scientist:** Caitlin O'Neill, 250-363-6605, [caitlin.oneill@dfo-mpo.gc.ca](mailto:caitlin.oneill@dfo-mpo.gc.ca)  
**Master:** Fred Hamilton  
**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	+ 5.50
Science Equipment Loading/Unloading	+ 0.50
Science Other	+ 0.00
Days Gained	+ 0.00

**Days Grand Total** = 6.00

**Time Allocation Comments:** 24 ops were proposed and met by the ship.

### Cruise Events

#### Areas of Operations

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

#### Scientific Personnel

Name	Notes (Affiliation, Watches, Duties, etc)
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Caitlin O'Neill	
Robyn Taves	
Lucy Quayle	
Cynthia Bluteau	
Erinn Raftery	
Seth FlemingAlho	

#### Event Log

Oct 4:

load Tully, leave IOS at 1800. Stations SI and HS19.

Oct 5:

Serviced Port Renfrew, Carmanah and Swiftsure MEQ moorings; retrieved CeMoRe, Nitinat North, Swiftsure Canyon, and 8 fish receiver moorings. Overnight stations E1, C2, C1, C3, LB07, LB08, B8.

Oct 6;

Service La Perouse Bank 2023 mooring and retrieve La Perouse Bank 2022 mooring. Stations B7, LB11, LB16, LC12, LC08.

Oct 7:

stations in Millar and Herbert Inlets. Overnight stations: E01, LG02, LG04, E03.

Oct 8:

stations in Muchalat Inlet.

Oct 9:

Effingham Inlet stations (outside the inlet): EFF 14, EFF12, EFF16. Overnight station JF2 and transit to IOS.

Oct 10:

0800 dock at IOS and offload.

### Scientific Equipment Report

The biggest issue we encountered was the Tully's thrusters are so loud that our release deck unit transducer had a challenging time hearing the response pings from the releases. Possibly in the future we could create another pigtail for our deck unit to use the Tully's hull transducer instead. Perhaps that would help.

### Radioisotope Report

N/A

### Scientific Successes and Concerns

All science went really well.

### Platform Successes and Concerns

We were able to accomplish so much on Swiftsure Bank in one day because of the ability and willingness of the Tully crew to use their FRC at the same time as the Tully.

The aft deck crane stopped slewing mid-mooring retrieval, but the bosun did an excellent job securing the mooring in place so it wasn't a hazard. Vessel engineers were able to fix the crane in short time.;

### Safety Concerns

None.

### Hazardous Occurrences

None.

### Other Comments

[Not Entered]

### Images



**Image notes:**

- Cruise track with stations.
- Pizzas = bongos/CTD
- flags = moorings
- red dots = CTDs
- green dots = rosettes

**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
 2023-081plan1.jpg	file	119K	Wednesday 04 Oct 2023 11:57
 2023-081plan3.jpg	file	31K	Friday 29 Sep 2023 14:16
 2023-081plan4.jpg	file	521K	Friday 29 Sep 2023 14:16
 2023-081plan5.jpg	file	400K	Friday 29 Sep 2023 14:16
 2023-081report1.jpg	file	93K	Wednesday 11 Oct 2023 11:45