



## Regional Operations Centre, Canadian Coast Guard Western

### Science Cruise Report: PAC 2019-069

**Report last updated:** 2019-08-15 16:50:38

**Link to Original Plan:** <https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2019-069>

**Department/Group:** Fisheries and Oceans Canada, OSD

**Other Participating Groups:**

**Science Cruise Number:** PAC 2019-069

**Alternative Cruise Number:**

**Ship's Patrol Number:**

**Name of Vessel/Platform:** J.P. Tully

**Dates:** From: Sunday 28-Jul-2019 To: Tuesday 13-Aug-2019

**Chief Scientist:** David Spear, 250-363-6581, [david.spear@dfo-mpo.gc.ca](mailto:david.spear@dfo-mpo.gc.ca)

**Master:**

**Fishing Master:**

**Appropriateness of Vessel:** Not Rated

### 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	+ 1.00	We returned to IOS a day early so that the ship could refuel
CCG Ship Repair & Maintenance	+ 0.00	
CCG Crew Changes	+ 0.50	Our departure was delayed until an engineer could be pressed into service
CCG Other	+ 0.00	
Science Operations	+ 13.00	
Science Equipment Loading/Unloading	+ 0.50	
Science Other	+ 0.00	
Days Gained	+ 0.00	

**Days Grand Total** = 15.00

**Time Allocation Comments:**

### Cruise Events

#### Areas of Operations

Strait of Georgia, Johnstone Strait, West Coast Vancouver Island, Northwest Coast Vancouver Island, Queen Charlotte Sound, Hecate Strait

#### Scientific Personnel

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

David Spear  
Lucius Perreault  
Lindsay Mazzei  
Chris Clarke  
Stephen Page  
Charles Hannah  
Scott Rose  
Roy Hourston

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

Sophia Johannessen

Cindy Wright  
Linsey Haram  
Tamara Fraser  
Allison Oliver

will join the ship inear Prince Rupert

---

## Event Log

Monday, July 29, 2019  
Load ship at IOS (missing one engineer)

Tuesday, July 30, 2019  
Depart IOS, steam overnight to A1

Wednesday, July 31, 2019  
Search for remains of A1-57 and A1-58  
Locate and recover A1-58  
Continue search for A1-57  
CTD and Deploy A1-59  
Steam to Estevan-A  
Recover Estevan-A  
Steam to E01-58  
Recover E01-58, CTD and redeploy E01-59  
Steam back to A1  
Continue search for A1-57 (unsuccessful)

Thursday, August 01, 2019  
Steam to EF04-O  
CTD and recover EF04-O  
CTDs along EF02-EF10  
Steam to BP1

Friday, August 02, 2019  
Too rough to recover mooring.  
Steam to Brooks-A  
Recover and redeploy Brooks-B  
steam back to BP1  
CTD, recover BP1  
team to Scott1-C  
CTD, and recover Scott1-C  
Steam to CI08

Saturday, August 03, 2019  
CTDs along CI08-CI06  
Steam to Scott2-C  
CTD and Recover Scott2-C  
Redeploy Scott2-4  
Steam to HAK1-C  
Recover HAK1-C  
Rosette with SuperChem at HAK1  
Redeploy HAK1-4  
steam to MS1

Sunday, August 04, 2019  
CTDs along MS1-MS5  
CTDs along MS5-MS8B  
Steam to MT11B  
CTDs from MT11B-MT07B  
Steam to Juan1-B

Monday, August 05, 2019  
CTD, and recover Juan1-B  
Steam to Juan2  
CTD, and deploy Juan2-1  
Steam to JPS1  
CTDs from JPS1-JPS7  
Steam to Laskeek1-A  
Laskeek1-A  
Steam to MT05  
CTDs from MT05-SRN1

Tuesday, August 06, 2019  
CTD, recover SRN1-B and deploy SRN1-3  
Steam to W007  
CTDs from W007-HECS8  
Steam to CH14  
CTDs from CH14,15, 13, 10,4, 5 (SAR cancelled CH06  
Steam to Chat3

Wednesday, August 07, 2019  
CTD and deploy CHAT3-1  
CTDs from CH07 to Chat2-1  
CTD, recover CHAT2-1 and redeploy CHAT2-2  
CTDs overnight in Chatham Sound  
Steam to Chat1-1

Thursday, August 08, 2019  
Search for, and recover Chat1-1 and redeploy Chat1-2  
CTDs south down Grenville Channel to Douglas Channel

Friday, August 08, 2019  
Return to GRC1-1  
CTD and deploy GRC1-1  
Steam to PRC1-1  
CTD and deploy PRC1-1

Steam to CPE1  
Saturday, August 10, 2019  
Rosette at CPE1  
Steam to LBA-1  
Drag for LBA-1, CTD and redeploy LBA-2  
Steam to LBB1-1  
CTD, recover and redeploy LBB-2  
Steam to QCS4  
CTDs at QCS3, QCS1, JS1, and JS8.5  
Sunday, August 11, 2019  
Steam to North Ajax  
Recover Ajax Viking Buoy and deploy Hakai Viking Buoy  
Steam to CPF2  
CTD + Bongo at CPF2  
Steam to IOS to arrive at 0500  
Monday, August 12, 2019  
Offload at IOS  
Monday, August 12, 2019

### Scientific Equipment Report

[Not Entered]

### Radioisotope Report

N/A

### Scientific Successes and Concerns

Successful search for the remains of mooring A1-57  
Unsuccessful search for the remains of mooring A1-58  
Successful search for mooring Chat1-1, moved from its original location.

### Platform Successes and Concerns

Successful drag for remains of mooring LBA-1  
Successful search for mooring Chat1-1, moved from its original location.

### Safety Concerns

N/A

### Hazardous Occurrences

N/A

### Other Comments

The crew of the JP Tully were very helpful and enthusiastic and did everything that they could to make this cruise a success..

### Images



**Image notes:**

Page generated from: <https://www.waterproperties.ca:443/requests/cruisereportview>

---