

## 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.*

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## Regional Operations Centre, Canadian Coast Guard Western



### Science Cruise Report: PAC 2011-010

**Report last updated:** 2022-04-06 10:48:44

<https://www.waterproperties.ca/requests/cruiseplanview.php?cruiseid=2011-010>

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<b>Department/Group:</b>	Fisheries and Oceans Canada, OSD
<b>Other Participating Groups:</b>	
<b>Science Cruise Number:</b>	PAC 2011-010
<b>Alternative Cruise Number:</b>	
<b>Ship's Patrol Number:</b>	
<b>Name of Vessel/Platform:</b>	Vector
<b>Dates:</b>	<b>From:</b> Friday 09-Sep-2011 <b>To:</b> Wednesday 14-Sep-2011
<b>Chief Scientist:</b>	<b>Peter Chandler</b> , 250 3636750, <a href="mailto:peter.chandler@dfo-mpo.gc.ca">peter.chandler@dfo-mpo.gc.ca</a>
<b>Master:</b>	Al Lynden
<b>Fishing Master:</b>	
<b>Appropriateness of Vessel:</b>	Excellent

### Time Allocations

**Originally Allocated Days** **5.00**  
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

Science Operations	+ 4.50
Science Equipment Loading/Unloading	+ 0.50
Science Other	+ 0.00
Days Gained	+ 0.00
<b>Days Grand Total</b>	<b>= 5.00</b>

Time Allocation Comments:

## Cruise Events

### Areas of Operations

Juan de Fuca, Strait of Georgia

### Scientific Personnel

Male - Name	Notes (Affiliation, Watches, Duties, etc)
Peter Chandler	chief scientist, ctd watch 00h00 - 12h00
Hugh MacLean	snr tech, ctd watch: 12h00 - 24h00
Ben Moore-Maley	pH, ctd watch; 00h00 - 12h00
Female - Name	Notes (Affiliation, Watches, Duties, etc)
Melissa Hennekes	chl & hplc; ctd watch; 12h00 - 24h00
Erika Young	ctd watch: 12h00 - 24h00
Francesca Loro	ctd watch: 00h00 - 24h00

### Event Log

Depart Pat Bay at 14h30 local 9 Sep, 2011. 14h30 Sep 9 - 14h30 Sep 13 at sea conducting water properties survey from Cape Flattery to Cape Mudge. All 76 stations surveyed. unload ship on arrival Sep 14.

### Scientific Equipment Report

CTD and rosette worked well. No need for backup system which was Seabird 25 and Niskin bottles.

### Radioisotope Report

[Not Entered]

### Scientific Successes and Concerns

Science program contributed another dataset of water properties to further our understanding of the oceanography of the region. The oxygen, pH analysis, and filtering equipment worked well.

### Platform Successes and Concerns

The smooth and safe operation of the vessel by the officers and crew. Required 2 h maintenance time to address ship's hydraulic system. Inconsistent quality of radio communication between winch and bridge when winch spooling.

### Safety Concerns

[Not Entered]

### Hazardous Occurrences

[Not Entered]

### Other Comments

Consider taking fewer oxygen samples to reduce workload on analyst.

### Images

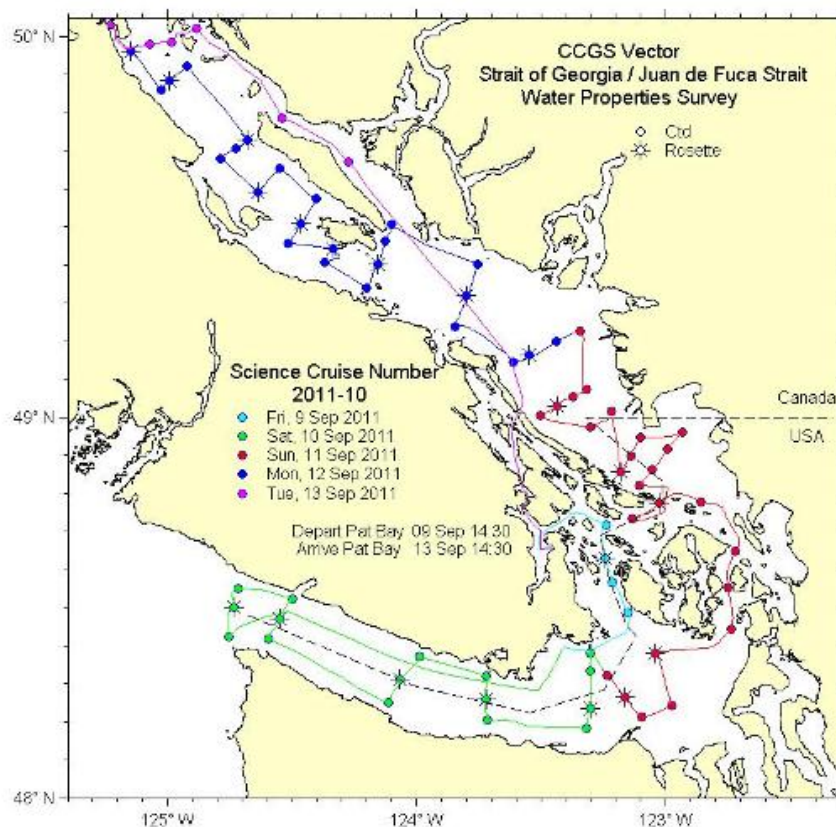


Image notes:

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