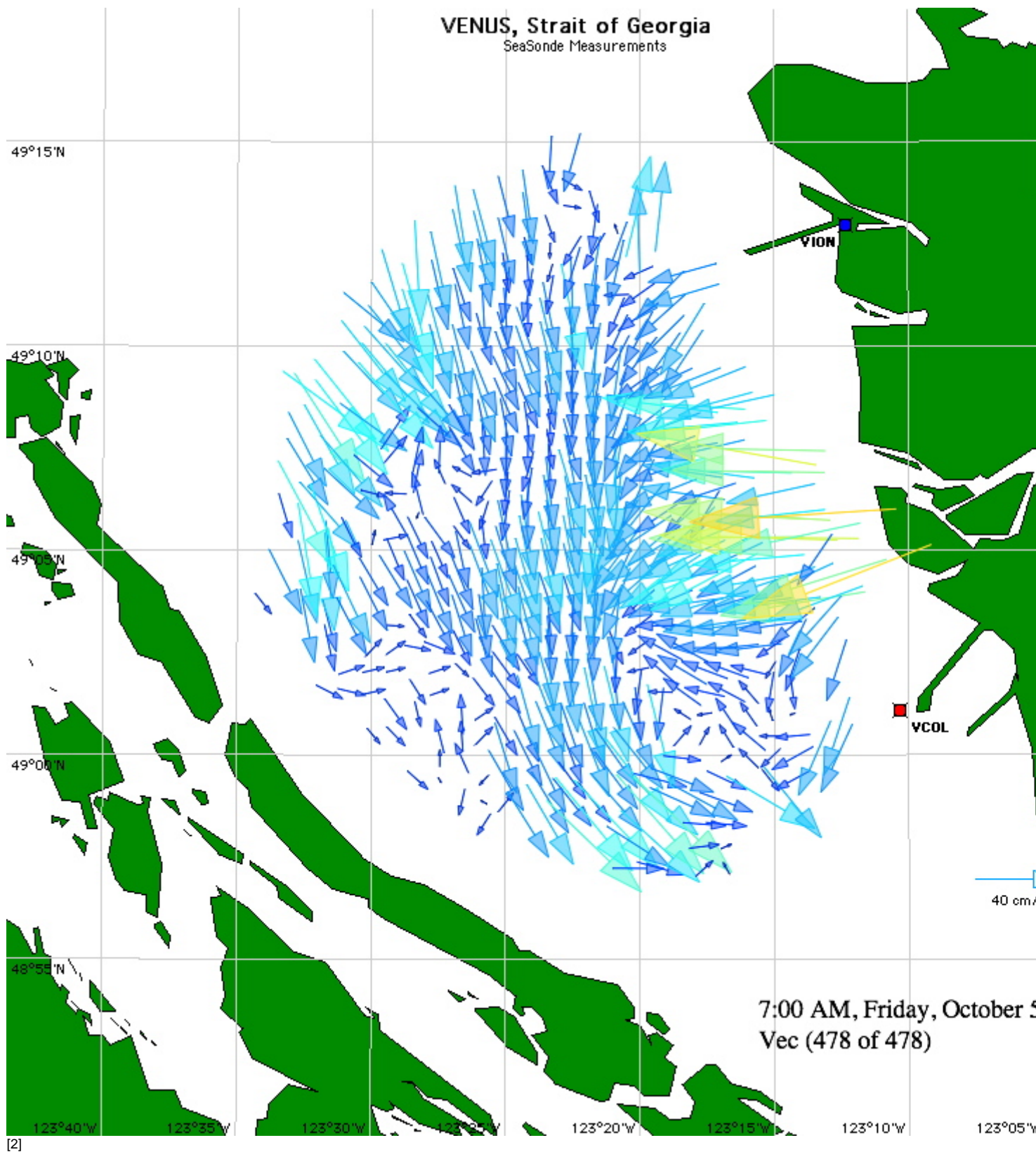


VENUS CODAR Array Delivers Total Current Vectors ^[1]

Submitted by Rory Lattimer Wed, 2012-10-10 00:00

This image depicts the surface ocean currents in the Strait of Georgia, measured during a strong ebb tide. The currents, averaged over an hour, were measured using a CODAR (Coastal Ocean Dynamics Applications Radar) system. The VENUS CODAR system consists of two antennae, one at the Iona Wastewater Treatment plant, near Vancouver Airport, the other at the Westshore Coal Terminal, near the BC Ferries port at Tsawwassen. These are labelled in the image as ?VION? and ?VCOL?, respectively.



There is a generally southward trend to the currents, as would be expected during an ebb tide. For the most part, the currents are between about 30 and 60 cm/s, but there is a handful of current arrows indicating westward flows of upwards of 90 cm/s. The direction and position of these currents suggest that they represent outflow from the Fraser river.

Tags:

- [CODAR](#) [3]
- [strait of georgia](#) [4]
- [currents](#) [5]

Categories:

- [Data Highlights](#) [6]

```
// FIXES AMPERSAND IN BREADCRUMB var ONC_breadcrumb =  
document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =  
ONC_breadcrumb.innerHTML; ONC_innerHTML = ONC_innerHTML.replace("&", "&");  
ONC_breadcrumb.innerHTML = ONC_innerHTML; }
```

Highlights

- [Audio](#)
- [Data](#)
- [Learning](#)
- [Science](#)
- [Video](#)

Reading Room

- [Active Research](#)
- [Backgrounders](#)
- [FAQs](#)
- [Glossary](#)
- [News Briefs](#)
- [News Stories](#)
- [Newsletters](#)
- [Publications](#)

Cool Stuff

- [Apps](#)

- [Digital Fishers](#)
- [iBooks & e-Pubs](#)
- [Live Video](#)
- [Maps](#)
- [Images](#)
- [State of the Ocean](#)

Data & Tools

- [Apps](#)
- [Data Plots](#)
- [Data Search](#)
- [Data Policy](#)
- [Data Help](#)
- [OPeNDAP Web Services](#)

Opportunities

- [Calendar](#)
- [Educator Opportunities](#)
- [Global Partnerships](#)
- [Industry Network](#)
- [Jobs](#)
- [Staff List](#)
- [Technology Services](#)

Sites & Instruments

- [Arctic Sites](#)
- [Northeast Pacific Sites](#)
- [Salish Sea Sites](#)
- [Notice to Mariners](#)

Follow Us



[Sign up for our newsletter](#)

Feedback

Send us your questions and comments *

How could we improve this page?

Your Name

Your Email *

Your Location

CAPTCHA

This question is for testing whether or not you are a human visitor and to prevent automated spam submissions.



What code is in the image? *

Enter the characters shown in the image.



[About Us](#) | [Contact Us](#) | [Media Relations](#) | [Legal Notices](#)

© Ocean Networks Canada. All rights reserved. 2474 Arbutus Road, Victoria, BC, V8N 1V8
| 1.250.472.5400

```
(function () { var d = new Date; var year = d.getFullYear();  
document.getElementById("copyright-date").innerHTML = year; })();
```

Source URL: <https://www.oceannetworks.ca/venus-codar-array-delivers-total-current-vectors>

Links:

[1] <https://www.oceannetworks.ca/venus-codar-array-delivers-total-current-vectors>

[2]

https://www.oceannetworks.ca/sites/default/files/images/pages/data/IOTW_TOTL_VNS1_2012_10_05_0700.jpg

[3] <https://www.oceannetworks.ca/article-tags/codar>

[4] <https://www.oceannetworks.ca/article-tags/strait-georgia>

[5] <https://www.oceannetworks.ca/article-tags/currents>

[6] <https://www.oceannetworks.ca/article-categories/data-highlights>