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UBC Oceanographer Using VENUS CODAR in his Research ^[1]

Submitted by Lindsay Wallace Mon, 2013-04-08 00:00

UBC oceanographer Dr. Mark Halverson has been making use of VENUS Coastal Ocean Dynamics Applications Radar (?CODAR?) data from the Strait of Georgia in his research. His analysis revealed an abrupt cutoff in data availability to the south of the coverage area, rather than the gradual fall-off with distance from the two antennae one would expect from purely physical considerations.

Image not found

SeaSoonde measurement from the Strait of Georgia, March 13, 2013. ^[2]

Subsequent investigation revealed an overly-restrictive software setting that has since been modified. All ocean-current data going back to the commissioning of the VENUS CODAR array in August 2012 has been reprocessed, extending the coverage of the array southward by about 3 km.

This animated figure shows the coverage area before and after the reprocessing. Thanks go to Dr. Halverson for pointing out this anomaly, allowing us to improve our product. Our users are not mere customers, but active collaborators in the VENUS mission to provide data to the oceanographic community.

Tags:

- [coastal radar](#) ^[3]
- [CODAR. Mark Halverson](#) ^[4]
- [venus](#) ^[5]

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