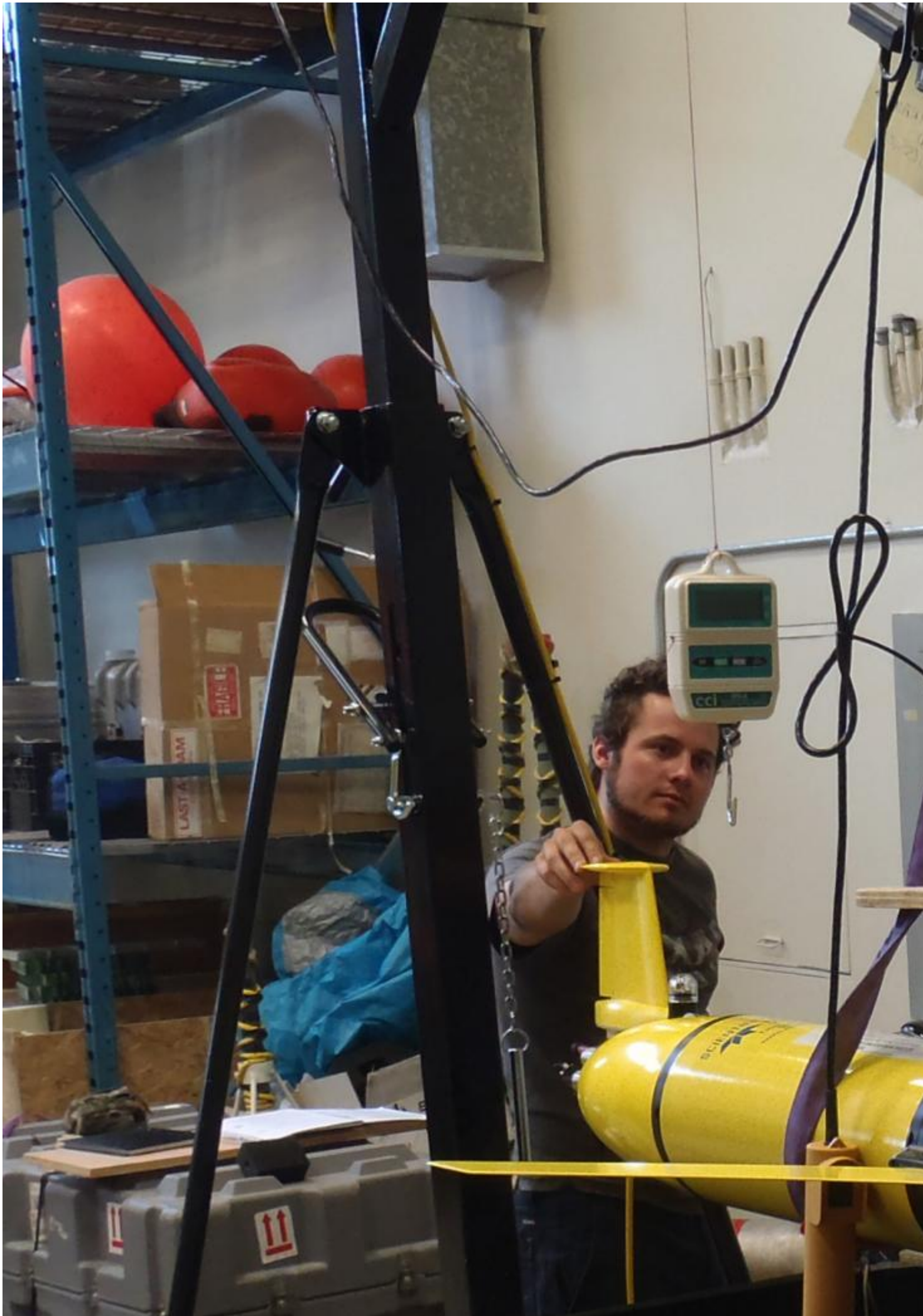


Glider Readied for the Open Water Test ^[1]

Submitted by Rory Lattimer Fri, 2013-07-26 00:00



[2]

?Integration of ocean gliders into the Ocean Networks Canada observatories is progressing?, advised Paul Macoun ? Project Manager of the VENUS Phase II developments. Presently, the engineering team is working up the first of two gliders for deployment off-shore this summer. ?The science community is eagerly waiting for the new system to be available to conduct research in the water column?, confirmed Ocean Networks Canada Associate Director of Science Dr. Richard Dewey. After initial testing in [Saanich Inlet](#) [3] in July, the glider will have a full field trial in August off the west coast of Vancouver island linking water properties between [Barkley Canyon](#) [4] and Barkley Sound?.

G2 Slocum Electric glider specifications

Weight:	52 kg
Hull Diameter	21.3 cm
Vehicle Length	1.5 metres
Depth Range	350 metres
Speed	0.4 m/sec horizontal average
Endurance	Typically 30 days, depending on measurements and communication
Range	1500 km
Navigation	GPS, magnetic compass, altimeter, subsurface dead reckoning
Sensor Package	CTD and oxygen
Communications	RF modem, Iridium satellite, ARGOS, Telesonar modem

For more details visit [Teledyne Webb Research](#)[5].

Tags:

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Source URL: <http://www.oceannetworks.ca/gliders-readied-open-water-test>

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- [2] http://www.oceannetworks.ca/sites/default/files/images/pages/IOTW/July_26_2013.jpg
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