



Press Release – for immediate publication

## **ODIM BROOKE OCEAN RECEIVES ODIM LOPC™ ORDER FROM DALHOUSIE UNIVERSITY**

**(Dartmouth, Nova Scotia – December 8, 2009):** ODIM Brooke Ocean Receives ODIM LOPC™ Order from Dalhousie University.

ODIM Brooke Ocean has received an order for the delivery of an ODIM LOPC™ to the Biology Department of Dalhousie University (<http://biology.dal.ca/>). The ODIM LOPC™ will be used by Dr. Tamara Romanuk for measuring detailed size and shape outlines of zooplankton thereby allowing for the compositional structure of communities to be determined (<http://ecocomplexity.blogspot.com>). It will be used for both preserved and live plankton samples. The resolution was specified to be 40 microns with an average operating profile of 100 microns up to ~5mm (or lower resolution). The ODIM LOPC™ being delivered will function in a laboratory environment for use with a turn-key circulation system in order to analyze both discrete and online (continuous) samples.

The ODIM LOPC™ is the next generation in plankton profiling. The LOPC's high speed processing and improved detection plane provides detection counts at higher resolutions and higher concentrations with lower coincidence. The system can be installed on various towbody scenarios as well as on the ODIM MVP™ multi sensor free fall fish, enabling vertical real-time water column profiling while underway at speeds up to 12 knots.

### **About ODIM Brooke Ocean: ([www.brooke-ocean.com](http://www.brooke-ocean.com))**

ODIM Brooke Ocean manufactures advanced data collection systems including: Moving Vessel Profiler (MVP), Free Fall Cone Penetrometer (FFCPT), Laser Optical Plankton Counter (LOPC) and supplies launch/recovery systems for various payloads including unmanned vehicles, towbodies and oceanographic systems.

For further information contact:

#### **Derrick Peyton**

ODIM BROOKE OCEAN  
461 Windmill Road  
Dartmouth, NS, Canada B3A 1J9  
Tel: +(902) 482-3262  
Fax: +(902) 468-1388  
[dpeyton@brooke-ocean.com](mailto:dpeyton@brooke-ocean.com)  
[www.brooke-ocean.com](http://www.brooke-ocean.com)

#### **Tamara N. Romanuk, Ph.D**

Assistant Professor  
Dalhousie University, Biology Dept.  
1355 Oxford St., Halifax, Nova Scotia  
Canada B3H 4J1  
Tel: +(902) 494 4515  
[romanuk@dal.ca](mailto:romanuk@dal.ca)  
<http://biology.dal.ca/>