



**FOR IMMEDIATE RELEASE
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ISE LAUNCHES GMGS ROV FOR TRIALS

PORT COQUITLAM, BC – Amidst -3° C temperature and snow, ISE commenced trials and testing on the China Geological Survey Remotely Operated Vehicle (ROV) for its first test dive in the ISE pool.

Named “Sea Lion”, the ROV is an ISE HYSUB 130HP ROV scheduled for delivery in the first quarter of 2009. Sea Lion is the first ROV for Guangzhou Marine Geology Survey (GMGS), a division of China’s Ministry of Land and Resources. It has a depth rating of 4000 meters, suitable for reaching the depths

required for the mineral exploration the vehicle is designed to perform.



GMGS Console

The Sea Lion ROV comes equipped with eight hydraulic thrusters, two ISE Magnum manipulators, six cameras, and a full sensor package. Unique to the ROV is a 4000 meter rated hyperbaric clathrate bucket designed to collect hydrate cores containing methane gasses. The skid mounted bucket maintains the required pressure and temperature conditions similar to the hydrate’s geophysical environment.

Sea Lion’s propulsion system today is being tested, along with a newly formed power management optimization system. Production is on schedule, and Factory Acceptance Testing will be completed in the next few weeks.

ABOUT INTERNATIONAL SUBMARINE ENGINEERING LTD.

Based in British Columbia, Canada, International Submarine Engineering Ltd has been involved in the design and development of autonomous and remotely operated vehicles for over 34 years. ISE’s experience is represented by the over 215 underwater vehicles built and delivered to clients in 20 countries.



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