

## ISE BUILDS AND DELIVERS HYSUB ROV

**PORT COQUITLAM, BC** - International Submarine Engineering Ltd is pleased to deliver a new Remotely Operated Vehicle (ROV) and Tether Management System (TMS) to Fukada Salvage and Marine Works Co. Ltd.

Fukada's HYSUB 100HP ROV is a multi-purpose vehicle that will be used for scientific and commercial purposes as well as inspecting and salvaging seafloor items. Designed to operate from one of Fukada's new research vessels, the ROV has a 2,000 M depth rating. The ROV is equipped with thrusters, sensors, six lights, eight cameras, ISE's Magnum Manipulator and other auxiliary equipment needed to carry out the vast requirements for Fukada's subsea operations.

The new HYSUB ROV complements Fukada's existing fleet of ISE ROVs, renamed HAKUYO, that includes a 150HP 3000 M depth ROV, as well as their recently built Explorer Autonomous Underwater Vehicles (AUVs).

To accommodate their expanding fleet of ROVs, Fukada received a new ROV handling system built by Hawboldt Industries out of Nova Scotia, Canada.



"We have been supporting Fukada since 1991 here at ISE." says Jim McFarlane, Sr, President. "It is an honour to continue to serve them with this latest vehicle in their fleet."

### **Fukada Salvage and Marine Works Co. Ltd.**

Fukada Salvage and Marine Works Co. Ltd.'s was established in 1910 and was originally based in Kure, Hiroshima Prefecture. Originally concentrating on salvage alone, Fukada's operations expanded following reorganization in 1949. Their head office is in Osaka, Japan, and their business expands to include marine construction, bridge installation and civil engineering. Their fleet includes the MV Musashi, which has the world's largest class floating crane, capable of lifting 3700 tons.

Fukada's fleet of ISE ROVs cover all operations required for the company, including cable burial, salvage, research and survey, making Fukada one of Japan's largest full service subsea equipment and service suppliers.



## **International Submarine Engineering Ltd.**

*ISE was formed in 1974 to design and build underwater vehicles. Based just outside Vancouver, Canada, ISE has delivered more than 240 vehicles and over 400 robotic manipulators to more than 20 countries around the world.*

*The ISE family of vehicles includes ROVs, AUVs, submersibles, semi-submersibles, and active towfish. ISE has a robotics capability, having built underwater manipulators for a variety of functions and land based robotic systems including an automated car refueling station and the Canadian Space Agency robotic manipulator training system.*

*The Explorer family of AUVs was introduced in 2003 and follows previous ISE AUVs including ARCS and Theseus. Explorer is a modular vehicle that can be configured for commercial, scientific or military customers. It has developed a reputation as a reliable, stable and flexible sensor platform and in total, ISE AUVs have completed more than 120,000 kilometres of surveys.*

For more information please contact:



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