

Another ROV Build for Fukada Salvage



International Submarine Engineering, Canada, is pleased to announce the contract to build a 50HP 3,000m depth Hysub ROV for Fukada Salvage and Marine Works, Japan. The Fukada Hykuyo Hysub 50-3000 is a versatile and capable medium duty work-class ROV. The vehicle will be outfitted with two manipulators, one 7-function and one 4-function along with assorted tooling for a broad range of operational capabilities.

Vehicle sub-systems include a HD colour zoom camera, a low light camera, four POV cameras, a variable frequency scanning sonar, an altimeter, and DVL. This ROV will also be outfitted with a toolsled allowing for integration of diverse work packages. The ISO 20ft control van includes seating for a pilot, co-pilot and observers with integrated consoles and video displays. This container is easily mobilized and demobilised on Fukada's dedicated

vessel, Poseidon 1.

The Launch and Recovery system (LARS) for this new Fukada ROV will be supplied by Sound Ocean Systems, Redmond, Washington.

The SOSI skid mounted LARS for the 50HP ROV will consist of several key elements including base skid, umbilical winch, A-Frame with docking assembly, and hydraulic power unit (HPU). Designed in accordance with ABS rules, the safety features such as automatic latches, failsafe braking, docking head rotation, and multi-directional damping potentially increase in the user's operational weather window and provide additional vehicle protection.

Fukada's 100HP ROV Hykuyo

The 50HP ROV will be installed on Fukada Salvage's new vessel Poseidon-1 that was launched on 7 February 2015. The vessel and ROV will commence operations in July 2015.

This vehicle will be the 10th ISE built ROV for Fukada. ISE has also provided Fukada with a 3,000m Depth Explorer Autonomous Underwater Vehicle (AUV).

<https://www.hydro-international.com/content/news/another-rov-build-for-fukada-salvage>
