

## James Fisher Nuclear Expands submersible ROV Services Capability in support of the nuclear industry

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JFN has worked closely with world leading manufacturer of submersible mini ROVs, Seabotix, to develop a version of their vLBV mini ROV which is qualified and adapted for nuclear industry applications.



James Fisher Nuclear (JFN) has a long successful track record of taking standard commercially available submersible Remotely Operated Vehicles (ROV) used in the subsea industry and cost effectively developing these for use in nuclear ponds. Two mini ROVs from US based supplier, Seabotix are the latest systems to join JFN's ROV portfolio of equipment. The Seabotix vLBV was chosen because of the weight and overall physical size, the lifting capability, the industry reputation of the vLBV, the state -of-the-art technology and the vectored thruster design.

JFN and Seabotix have worked closely together to develop the mini vLBVs for use in nuclear ponds. This has included coating key components in a specialized (Cerakote) protective layer to withstand high PH conditions within the FGMSP (First Generation Magnox Storage Pond) at Sellafield; re-engineering to add in containment friendly features and CE marking of the vLBV and associated tooling.

The development work was undertaken by the JFN dedicated ROV project team based at Egremont, Cumbria and Seabotix engineers based in San Diego, California. A JFN dive test pond was used to trial the LBV throughout the various stages of the development work until JFN, Seabotix and the client had confidence in its performance.

This is being followed up with intensive training by Seabotix engineers at JFN's Egremont facility, which includes hands-on training with the vLBVs in a JFN test pond.

# PRESS RELEASE



The acquisition of a Seabotix ROV has enhanced JFN's offering in support of pond characterisation and decommissioning operations within nuclear ponds.



Seabotix vLBV with Cerakote

## Notes to editors:

James Fisher Nuclear is an established supplier of specialist engineering, manufacturing and technical services for applications within challenging environments or with high integrity requirements.

Over many years, JFN has built up a large team dedicated to submersible ROV development, testing, training and deployment for the nuclear industry. This is supported by custom built dive tank facilities.

SeaBotix is the world leading manufacturer of MiniROV systems with a pedigree of underwater expertise. <http://www.seabotix.com>

For more information see [www.jfnl.co.uk](http://www.jfnl.co.uk)

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