

ROV System for ARIS Sonar

Deep Ocean Engineering is introducing a small remotely operated vehicle (ROV) system for the ARIS sonar, complete with a tilt and roll actuator. While the system is operating, the sonar is controlled from the topside systems unit.

Deep Ocean's T5 ROV has the payload to support the ARIS sonar. The sonar is operated underneath the T5 on a purpose-built skid. It includes a built-in HD camera on a tilt as standard equipment. The umbilical includes fibre optics, providing maximum bandwidth. Deep Ocean's ROVs have the unique feature of being compatible with either fibre or copper based telemetry. No necessary modifications will be made to the vehicle for users who would like to upgrade to fibre. There is an optional feature in the T5, such as longer fibre cable that is 600 metres and capable of 90mbps of bandwidth. Deep Ocean is one of the first to configure the sonar onto such a small machine. Currently, the sonar is attached to the T5 with a skid, and is compatible with other systems. The power supply is universal with 120 or 240-volt single phase. It's also equipped with HD video with crisp imaging and integrated with latest high performing DSPL LEDs.

<https://www.hydro-international.com/content/news/rov-system-for-aris-sonar>
