

Featured Project

Cutting Edge DT-X SUB Deployment in Papua New Guinea

BioSonics DT-X SUB Echosounder deployed in a yearlong project to assess biomass (fish and plankton) in Papua New Guinea. The system is configured with 38 and 200 kHz transducers and operating in a fully autonomous mode. The DT-X-SUB is powered by (3) Ocean Sonics battery packs and will operate on a 15% duty cycle to extend battery life and allow for 3-month deployments. The hardware is mounted in a custom mooring frame deployed in 400 m of water. The DT-X SUB system will measure demersal and pelagic fish biomass and the diel migration of plankton over the course of this 12-month study.



Custom mooring frame for DT-X SUB and battery packs prepared for deployment aboard ship in Papua New Guinea

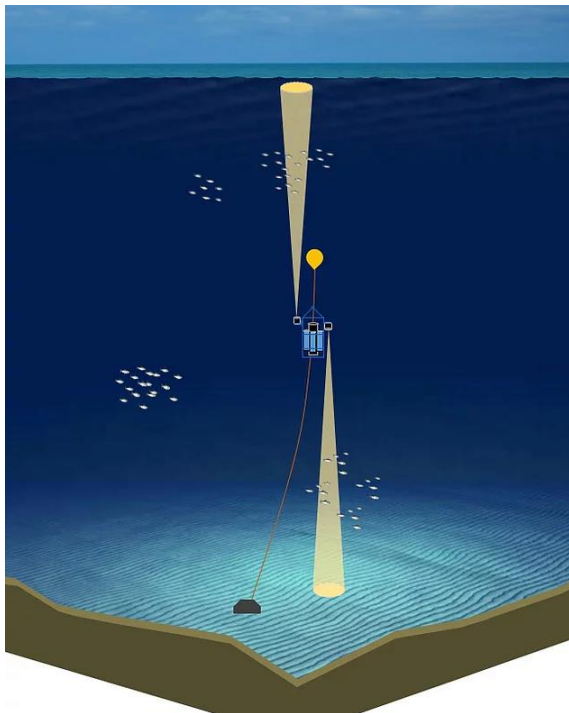
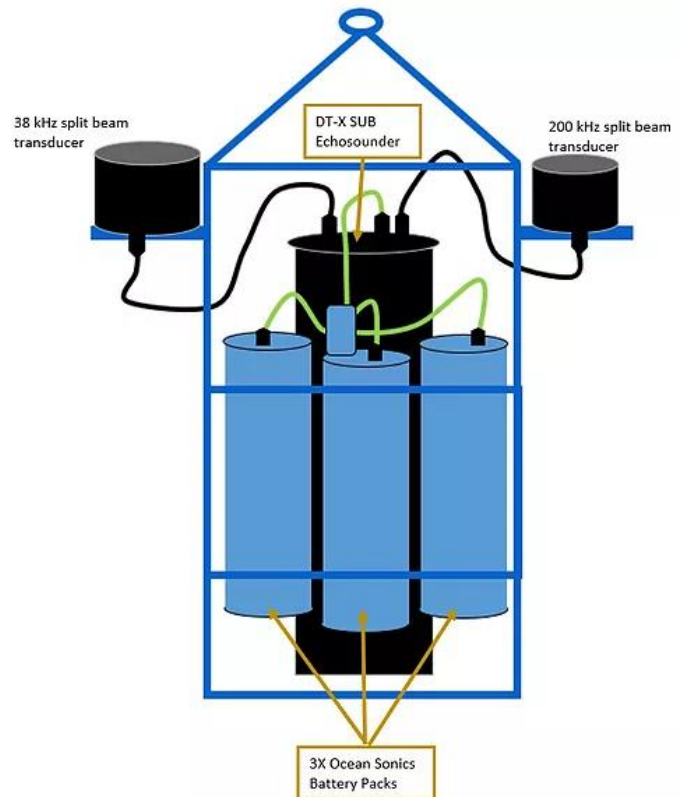


Illustration of DT-X SUB deployed on a mooring with two transducers simultaneously operating in up-looking and down-looking orientation.

The BioSonics DT-X SUB Echosounder System is a completely self-contained echosounder solution for autonomous deployments where cabling to the surface may be cost-prohibitive or impractical. DT-X scientific echosounder technology is packaged in a pressure rated housing that is adaptable for deployment via AUV, ROV, or seafloor observatory platform.

The DT-X SUB is programmed at the surface for the desired sampling interval and ping rate. The DT-X SUB has programmable duty cycling for extended battery life, is ideal for long term studies, and will operate any of BioSonics standard transducers.

Let us help you configure a DT-X SUB system to match your study objectives. We are happy to answer any questions and look forward to assisting you. [Contact us today](#) for details.