



Steve Barrow, UI 2012 Work Class ROVs Track Leader and Ocean Engineering Track leader

Steve Barrow is a senior applications engineer with Schilling Robotics, a leading global, deep-ocean robotics company. Steve has worked in the ROV and ROV tooling since 1998. He specializes in mechanical and hydraulic designs and is a Certified Fluid Power Hydraulic Specialist (CFPHS) through the International Fluid Power Society.

Steve has worked on many subsea vehicle projects, including the integrated hydraulic power unit on Schilling's new HD ROV, an 800-HP trencher used to bury subsea cables and pipelines up to 600 mm in diameter to a depth of 3m, and an autonomous underwater vehicle (AUV). His tooling experience includes a hot-water hydrate remediation skid, high-pressure fluid injection systems, and many other standard and custom tooling projects. Steve is credited as inventor on a patent for an ROV-powered casing cutter—a device used to remove wellheads from depleted or non-producing fields.

Steve holds a B.S. in Ocean Engineering from the Florida Institute of Technology in Melbourne, FL. He was recently pleased to be an engineering judge for the International MATE competition finals held at NASA's Neutral Buoyancy Lab in Houston, TX. The MATE program introduces high school and college students to marine technology by presenting them with a series of challenges that must be accomplished by ROVs designed and built by the student teams.

Steve also serves as a volunteer firefighter with the City of Jersey Village and is a PADI-certified rescue diver.