

# Bespoke Winch System for South-Asian Defence Contractor



A prominent defence contractor, who is an existing user of SubConn connectivity products and EMO multiplexers from MacArtney's product portfolio, has taken delivery of a customised winch solution equipped with a 3,000m fibre cable and termination. The traction-based winch has been purpose-built for use with a customer-built ROV designed for localising objects lost on the ocean floor. The winch system becomes part of the naval equipment of the Pakistani navy and is to be applied for naval ROV operations.

The winch is made from stainless steel and features a modular and compact design, which allows for flexible system installation on board vessels with confined deck space. It comes with several intelligent features facilitating accurate and effective equipment handling as well as a fibre optic slip ring, fibre optic cable, and fibre optic termination. A soft-start

function makes the winch easy to handle, improves equipment manoeuvrability, and protects the motor and gear.

This winch also features traction control making the winch capable of handling the neutrally buoyant Kevlar reinforced fibre-optic ROV communication cable.