

# EIVA Expands ScanFish ROTV Sensor Platform Payload by 700%



The EIVA ScanFish remotely operated towed vehicle (ROTV) is designed to function as a platform for subsea sensors. It comes with a maximum sensor payload of 50kg as standard, but the total payload capacity for the EIVA ScanFish is 350kg.

The EIVA R&D team took up the challenge in May 2017 and four months later, a ScanFish XL was introduced at the EIVA Days Denmark 2017. The ROTV itself measures 4.33x2.73x2.77 metres. It weighs 1840kg in air but is neutrally buoyant in water.

A design upgrade was needed when the marine geophysical-geotechnical service delivery specialist PanGeo Subsea contacted EIVA to discuss the possibility of using the ScanFish together with their Sub-Bottom Imager (SBI) unit, which weighs 300kg.

Moya Cahill, Pangeo's President, attended the EIVA Days Denmark and stated that PanGeo's SBI 3D acoustic SAS capability has proven to be very effective for cable depth of burial surveys and more recently UXO surveys. Pangeo will market this ScanFish / SBI combination as the SBI SeaKite. It has been designed to deliver a more cost effective multi-sensor towed solution for pre-route and UXO surveys.

Moreover, as EIVA have added the 3D option for horizontal steering, PanGeo Subsea customers will be able to control the vertical position of their sensors in the water column, as they have the possibility of controlling the sideways movements of the ROTV as well.

The ScanFish XL has already undergone its first sea trials with promising results. PanGeo is targeting to have its SBI SeaKite ready for full commercial use in the 2018 survey season.