

d'ROP with PanGeo's SBI Showcase



Seabed survey company Bibby HydroMap, UK, has invited key clients and prospects to witness demonstrations with the survey ROV d'ROP equipped with PanGeo's sub bottom imager (SBI). d'ROP was launched earlier this year and has been performing trials with a number of cable locating systems before being mobilised to a project on board Bibby HydroMap's 27m catamaran, Bibby Athena.

The d'ROP has been designed to offer a remotely operated survey platform capable of operating effectively and cost efficiently in dynamic marine environments, whilst accommodating various survey sensors, including the PanGeo SBI. Originally designed for operation from predominantly work-class ROVs, the PanGeo SBI provides a real-time 3D grid view of the seabed, accurately imaging pipelines, cables, umbilicals, concrete

mattresses, ferrous and non-ferrous UXO's and other buried objects. One key benefit of the PanGeo system over traditional pulse-induction technology is that the cable can remain in service throughout survey operations, resulting in a significant cost-saving for the operator.

40km/day Data Acquired

Equipped with a PanGeo SBI, the d'ROP has already successfully acquired depth of burial data on a 175km cable length in UK waters. The trials were performed over a very challenging section of seabed dominated by sand waves up to 4m in height, as well as large sections of rock protection. d'ROP Team Leader Colin Burke comments that d'ROP has worked successfully in up to 3.5 knots of tide, acquiring up to 40km/day, which he finds impressive considering the size of vessel.

It is anticipated that the trials will take place during the week commencing 5 October 2015, in Lowestoft, UK. [Heather Carrigher](#) at Bibby HydroMap is available for registration of interest to attend a trial or to suggest a trial location.

<https://www.hydro-international.com/content/news/d-rop-with-pangeo-s-sbi-showcase>
