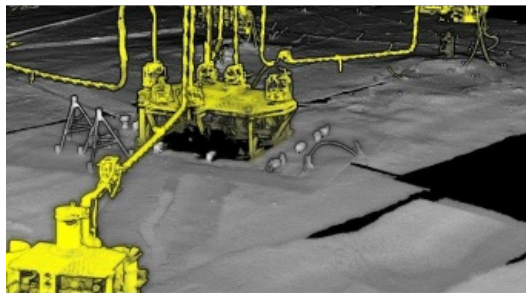


3D Laser Survey in Offshore Ghana



ADUS DeepOcean and DeepOcean Ghana have recently completed a deepwater subsea 3D laser survey in offshore Ghana, off the west coast of Africa, for Tullow Oil. This is the first extensive commercial survey of its kind, heralding high-resolution, cost-effective data acquisition in subsea environments. The survey operations covered 12 drill centre locations and a total of 27 metrologies in water depths of between 800 and 1,800 metres. This has set new benchmarks for high-resolution contextual 3D surveys whilst proving an alternative and rapid 'contactless' solution to conventional metrology surveys.

The dynamic laser survey solution, from a moving ROV, comprised a deep rated 2G Robotics ULS 500 Pro Laser and Sonardyne's SPRINT INS system. The performance of the systems outweighed expectations with accuracies approaching 1cm in dynamic

operation.

The accurate 3D 'point clouds' resulting from the survey, coupled with innovative modelling techniques developed in house, are providing DeepoOcean engineers with valuable quantitative & contextual information to better inform IMR tasks, and undertake metrology, thereby increasing efficiency for the client.

The recent climate in the oil & gas industry has sharpened the need for cost effective and innovative approaches to many operations offshore, and this has included many 'routine' survey and inspection related tasks.

The success of these recent survey operations has led to a further three-year contract for DeepOcean Ghana Ltd.

<https://www.hydro-international.com/content/news/3d-laser-survey-offshore-ghana>
