

North Sea Laser Survey Work

UTEC StarNet has announced that the company is currently performing laser surveys on the Shearwater platform in the North Sea. The survey work follows on from a recently-completed project on the Shell Gannet platform and involves use of technology to digitally capture, in high detail, a 3D data-set of the entire production asset. The survey will encompass all major structural elements, piping, all fixtures and fittings, production equipment, safety systems, communication equipment, plant rooms and drilling derrick to a very high, accurate and reliable detail.

The survey will produce a complete and measureable point cloud that, in conjunction with the revolutionary web-based portal UTEC StarNet iSite, will provide global, remote internet access to every aspect of the scanned asset in full 3D colour. The system enables full walk-around for visualisation and the ability to measure all aspects of asset condition for remote measurement, clash analysis, import and export of records and reporting documentation, EH&S reporting systems and aids with risk assessments and inductions. In addition, the survey will produce a full 3D point cloud dataset for construction and fabrication.

UTEC StarNet is part of UTEC, an independent survey company providing survey services including offshore positioning and construction support, geophysical and AUV surveys, geotechnical sample and consulting services to the oil, gas and energy industries. In addition UTEC offers dimensional control surveys, laser scanning, 3D modelling and the iSITE asset management software. UTEC has offices located around the world including: Australia, Brazil, Canada, Italy, Singapore, Indonesia, United Arab Emirates, United Kingdom and United States.

<https://www.hydro-international.com/content/news/north-sea-laser-survey-work>
