

Viewport3 to offer 'Lunch & Learn' sessions to increase knowledge of 3D scanning

Aberdeenshire-based Viewport3 are to offer remote and in-person 'Lunch & Learn' sessions aimed at broadening the understanding of underwater 3D scanning options available to the offshore and inshore sectors.

Following on from successful learning sessions with several local clients, the Viewport3 team are inviting industry colleagues to learn more about different subsea scanning options, as well as detail how existing ROV camera systems can be repurposed to collect 3D data from subsea sites in urgent or ad-hoc situations.

Viewport3 will present several topics aimed at simplifying access to underwater 3D scanning, helping engineering and technical authority teams to better understand the options open to them. Attendees are invited to suggest topics for the sessions. Some of the subjects covered will include:

- What accuracies are achievable from the various hardware options, and how they affect efficiency.
- How different methodology and accuracy levels suit different projects.
- When to deploy different methodologies – discussions on single-camera photogrammetry, laser, stereo-photogrammetry or sonar.
- Crucial factors to consider before actioning a large-scale 3D scanning campaign.
- How to deal with turbid water challenges.
- How Viewport3 'uses' 3D data from different sources into a single, interrogable 3D file.

L-R Director Chris Harvey,
Business Manager Lynn Park
and Director Richard Drennan

Image of a 3D scan of a FTA, to determine the angle of the dangle



CONSUB project nears completion, bolstering India's energy independence

CONSUB has announced that the ONGC 98/2 project in India is now over 90% complete. The project, which includes 23 subsea wells producing to shore via an FPSO and a fixed platform complex, marks a significant achievement for CONSUB, and supports India in its goal to achieve energy independence.

In late 2018, CONSUB was approached to provide expert Project Management Consultancy to ONGC, India's state oil company, for its deepwater oil and gas project. Although new to the Indian market, the UK-based CONSUB, with offices in London, Aberdeen, Ireland, and Switzerland, embraced the challenge, leveraging its extensive project management experience in the oil and gas industry.

Despite initial cautions about entering the Indian market, CONSUB successfully navigated the challenges, including banking, taxation, GST (Indian VAT), and COVID-19 restrictions.

The project hit a major milestone in 2020 when first gas was achieved within one year of the award of the Project Management Consultancy contract, thanks to an accelerated program developed and supported by CONSUB. First oil was celebrated at the beginning of 2024, and there are now four wells in production.

Frank Nunan, Managing Director of CONSUB, said: "Looking forward to the rest of 2024 and beyond, CONSUB continues to grow our support to clients in India and around the world in achieving their specific energy goals. Our team's practical experience in engineering and project management, allied to our agile management systems, delivers great support for clients in the oil and gas, renewables, and decommissioning sectors."



"First oil was celebrated at the beginning of 2024, and there are now four wells in production"

Smarter Subsea Handling signs collaboration with SFF Services; publishes offshore wind applications from OREC

Smarter Subsea Handling (SSH) has signed a Collaboration Agreement with SFF Services Limited (SFFSL), the commercial wing of the Scottish Fishermen's Federation, to develop and deploy multiple underwater infrastructure handling applications across the marine sectors using ROVAR technology and has also published an assessment from the Offshore Renewable Energy Catapult on how ROVAR can reduce offshore wind installation costs by 25%.

Remotely Operated Vehicle for Assets Recovery, or "ROVAR", is a unique, load bearing, remotely operating and autonomous underwater vehicle which carries subsea infrastructure through the water column in all axes and expands the capability of smaller vessels for underwater lifting and handling of infrastructure.

All marine sectors, especially offshore renewables, are driving innovation to increase underwater autonomy, have more mobility of seabed infrastructure, expand the capability of spare capacity vessels, and above all to reduce the costs of subsea construction and operations activity.

Smarter Subsea Handling, with its multiple innovative ROVAR applications, has risen to all of these underwater robotics challenges and is ideally placed to service the offshore renewables industry and marine seabed clearance markets.

Core to delivering these innovations is the collaborative relationship of SSH with SFFSL, which is a unique example of how industry can work together to overcome underwater challenges, and show how new developments, both in renewables and other marine sectors, can be delivered.

Smarter Subsea Handling has also recently published a report from the Offshore Renewable Energy Catapult on the multiple uses of ROVAR technology, with OREC concluding that when employed in

the construction of a 'GW Floating Offshore Windfarm in a strategy to reduce the economic impacts of weather downtime, ROVAR offers wind operators the prospect of at least a 25% reduction in installation costs.

As another example of underwater innovation, SSH is working with industry to address the need for the mobility of subsea infrastructure. Offshore renewables need all seabed equipment to be at least recoverable, and preferably mobile for repositioning to other locations. In meeting this challenge, SSH has configured its 'Truck and Trailer' concept to function as a Seabed Forklift, which is ideal for repositioning seabed equipment anywhere.

Richard Stevens, CEO said: "Smarter Subsea Handling is proud to meet the underwater robotics challenges of industry, and we see our cooperation with SFFSL, OREC, and other innovative and forward-looking entities, as a best-in-class example of how many marine challenges can be solved with innovative thinking and new collaborations."

SSH signs collaboration agreement with SFF Services Limited

