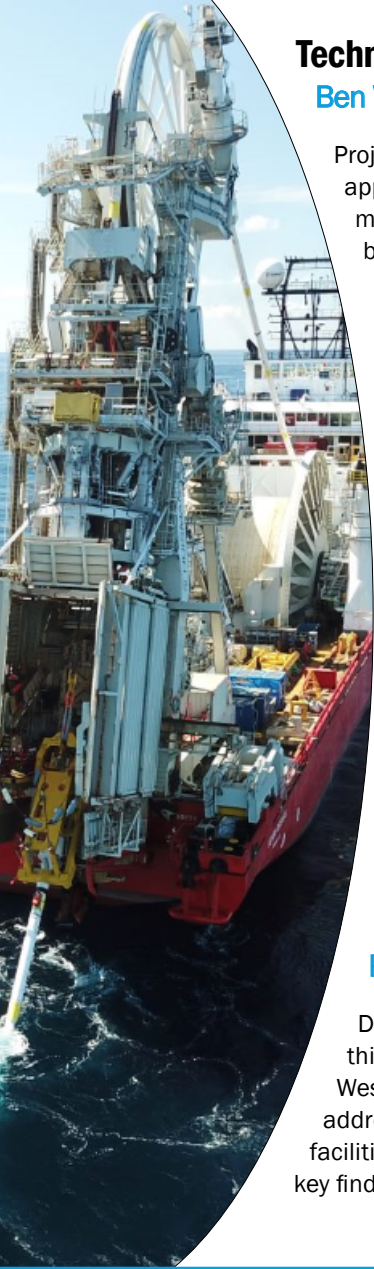


COLLABORATIVE TECHNOLOGY DEPLOYMENT - JULIMAR DEVELOPMENT PHASE 2 PROJECT



Technology Deployment

Ben Witton - Woodside

Project delivery certainty is a key success factor for positive business outcomes. Taking on world first applications across multiple delivery streams comes with risk that requires significant risk reduction to meet business requirements. The Julimar Development Phase 2 completed this successfully across both drilling and completions and subsea construction.

This presentation discusses contracting, design, execution, and evaluation of technologies for the subsea construction of the Julimar Development Phase 2. It includes methodology followed for both technology selections, engineering development, qualification tests, post project evaluation, lessons learned along with health and safety benefits

Technology Innovations

Vincent Tachoures - Subsea 7

Several innovative technologies were implemented during the execution of the Julimar Development Phase 2, including the largest CRA insulated flowline ever installed via reel lay, the use of Thermoplastic Composite Pipe for a MEG jumper application, and the use of Pipe Clamping Mattresses for walking mitigation.

This presentation provides an overview of these novel solutions and of the benefits they can offer. It also discusses the challenges encountered and the focus areas that were identified during design, construction and installation phases of the project.

Understanding PCM-seabed interaction through physical modelling

Phil Watson & Scott Draper - UWA Centre for Offshore Foundation Systems

Deployment of pipe clamping mattresses for Julimar Development Phase 2 represents the first use of this technology in carbonate silty sand often encountered in intermediate water depths on the North West Shelf - introducing challenges related to geotechnical performance and sediment mobility. To address these challenges, physical modelling was undertaken in the both the centrifuge and large O-tube facilities at UWA. This presentation will provide an overview of the testing that was performed, summarise key findings, and preview ongoing studies.

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Non-Members	\$55	\$65	\$70
5 Ticket Member Pass	\$130	\$205	\$230
5 Ticket Non-Member Pass	\$230	\$305	\$330

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