# EVENING TECHNICAL MEETING

**16 August 2023 ▪ 4.30pm - 7.30pm ▪ NOVOTEL PERTH (Murray St)**

## LIFTING & LAYING

Society for Underwater Technology


Image courtesy of McDermott

## LEVERAGING SUBSEA STRUCTURAL DESIGN TO ADDRESS DECOMMISSIONING CHALLENGES

*Jake Zammit, McDermott*

McDermott recently completed a fast track decommissioning project with less than 6 months from commencing the project to completion offshore. The scope included retrieval of a submerged buoy 400 Metric Tonne buoy in approximately 100m water depth. A novel bespoke lifting cradle was developed as a means to safely recover the buoy and address its unknown structural integrity. This potentially scalable approach is an example of leveraging subsea structural design and installation experience to address challenges presented with handling / decommissioning aging assets. The project was completed safely and within schedule with positive feedback from the Client and regulator NOPSEMA. This presentation shall provide an overview of the development and application of the lifting cradle.

## A DECADE OF DEVELOPMENT ON ELECTRICALLY HEAT-TRACED FLOWLINE (EHTF®) - ULTIMATE TOOL FOR FLOW ASSURANCE

*Andrew Ripley, Subsea7 Australia*

To date Subsea7 has installed EHTF pipeline over various projects. To provide some insight into the EHTF concept developed within Subsea7 over the last 10 years, a holistic overview of the system, from its makeup through to installation will be provided along with an overview on its effectiveness and advantages; where performance data taken during a routine shut down of a platform was analysed and correlated back to the design predictions.

## COMPLEXITIES IN OFFSHORE JACKET STRUCTURE REMOVAL

*Evert van Herel, Allseas Marine Contractors Australia*

Removal of an offshore platform requires a number of phases:
1) decommissioning of the facility (including plugging and abandonment of wells in case of production platforms)
2) preparation of the topsides structures for offshore removal
3) removal of the topsides
4) **preparation and removal of the jacket structure**
5) subsea clean-up

Where the topsides are visible and relatively easy to inspect, preparing and removing the jacket structures supporting the topsides are for the most part submerged, covered in years of marine growth and difficult to inspect. Access for removal preparations like cleaning and cutting of members are mostly after topsides removal is completed.

This presentation will focus on item 4 - preparations of the jacket structure and the work required to be able to remove these immense structures from the seabed.

## REGISTER NOW

| Registration Cost | Earlybird (ends 8 Aug) | Regular (from 9 Aug) | Onsite |
|---|---|---|---|
| Single ticket: Members (Individual/Corporate) | $40 | $50 | $55 |
| Single ticket: Non-Members | $60 | $70 | $75 |
| Students | $25 | $25 | $25 |
| Group Booking: 5pax - Corporate Members | $160 | $230 | - |
| Group Booking: 10pax - Corporate Members | $290 | $440 | - |
| Season Pass: 5 tickets - Members | $175 | | |
| Season Pass: 5 tickets - Non-Members | $290 | | |

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