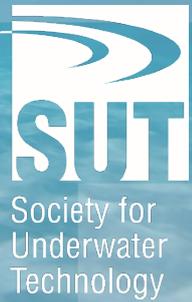


# Melbourne Evening Technical Meeting: Recent Projects, New Technologies

Wednesday 23<sup>rd</sup> November 2016

Wood Group Kenny Office: Level 3, 171 Collins Street, Melbourne



**Arrive & Onsite Registration: 5pm** Presentations: 5.15 pm – 6.15 pm

Networking, drinks and finger food (The Long Room, Georges Arcade, 162-168 Collins Street) 6.30 pm – 7.30 pm

**Places are limited so please register prior to the event at [www.trybooking.com/NTIN](http://www.trybooking.com/NTIN)**

## Design of a Skirted Foundation for Offshore Project

**Dr Manh Tran, Principal and Technical Leader for Southern (Geotechnical) – Jacobs**

This presentation discusses the foundation solution for a proposed offshore structure designed to operate in areas subjected to adverse environmental actions. The project's extremely limited budget and time constraint have resulted in a number of unique, challenging requirements; some were contradictory in nature: minimal site investigation and preparation, minimal foundation and installation cost while ensuring a successful placement and a robust foundation performance. In addition, the conceptual design of the foundation for the proposed structure was found technically not viable.

This talk will go through the planning and design challenges presented by the project, and how these were addressed by a foundation concept that was able to meet the project requirement of "make it work" within challenging design constraints. It also illustrates a case where a design was progressed on a risk acceptance basis by the project owner.

## Taking LiDAR Subsea – Increasing Metrology Efficiency and other Real World Applications

**Adam Lowry, Managing Director, APAC – 3DatDepth**

The significance of efficient subsea survey metrologies providing quality data can dramatically impact operational efficiencies across a range of applications through the life of field for oil and gas operators. Spool piece metrologies are a critical piece of survey programs and can influence infrastructure integrity. Subsea LiDAR is changing the way we collect and interpret subsea spatial data. An exciting recent development has been to use the subsea point cloud data to 3D print damaged subsea parts at 1:1 scale.

## Subsea Heavy Lift using an A-Frame

**Ben Healy, Managing Director/Naval Architect - Thrust Maritime**

A subsea campaign for Woodside has just been completed to change out two very large subsea Multiphase Pumps on the Vincent field in weather conditions that are not conducive for such recovery activities.

This presentation discusses how use of a large A-Frame with integrated articulating guide wire system provided improved weather up-time compared with using a construction type normal AHC crane.

**REGISTRATION FEES:** SUT Members \$25: Non-Members \$30\* (additional \$5 if registering at the door)

### Event Sponsored by:



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KENNY**

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\*New Individual Members can attend this Evening Meeting **Free\***

Apply for Membership today by visiting [www.sut.org.au](http://www.sut.org.au).

(1.5 CPD hours can be claimed for this event. Please keep flyer and receipt for auditing purposes.)

SUT Evening Technical Meeting registrations are now online. Payment during the registration process (via Mastercard or Visa credit card) is required in order to secure your place. Should your organisation wish for an invoice, all names will be required upfront and changes in delegate numbers will not be permitted. To request an invoice please email [perthevents@sut.org](mailto:perthevents@sut.org) with all delegate names. Should you have any questions please contact SUT Melbourne's Stefania Narum on + 61 (0) 417 991129 or email [snarum@bigpond.net.au](mailto:snarum@bigpond.net.au)