



# SUBSEA PRODUCTION SYSTEMS COURSE

Operation, Inspection & Maintenance

Wednesday 3<sup>rd</sup> June 2026

Wood PLC

240 St George's Terrace, Perth, Australia

**The operation of subsea production systems requires operation, inspection & maintenance strategies that differ considerably from their onshore counterparts.**

This essential course provides a greater understanding of operation in the the subsea environment. Upon completion of the course our expert presenters will have covered the following topics:

- General Introduction to Subsea Production Systems
- Operating Strategies & Practices
- Operating Subsea Systems
- Vulnerabilities - What could go wrong?
- Managing Subsea Assets
- Inspection, Repair & Maintenance
- Advanced Systems

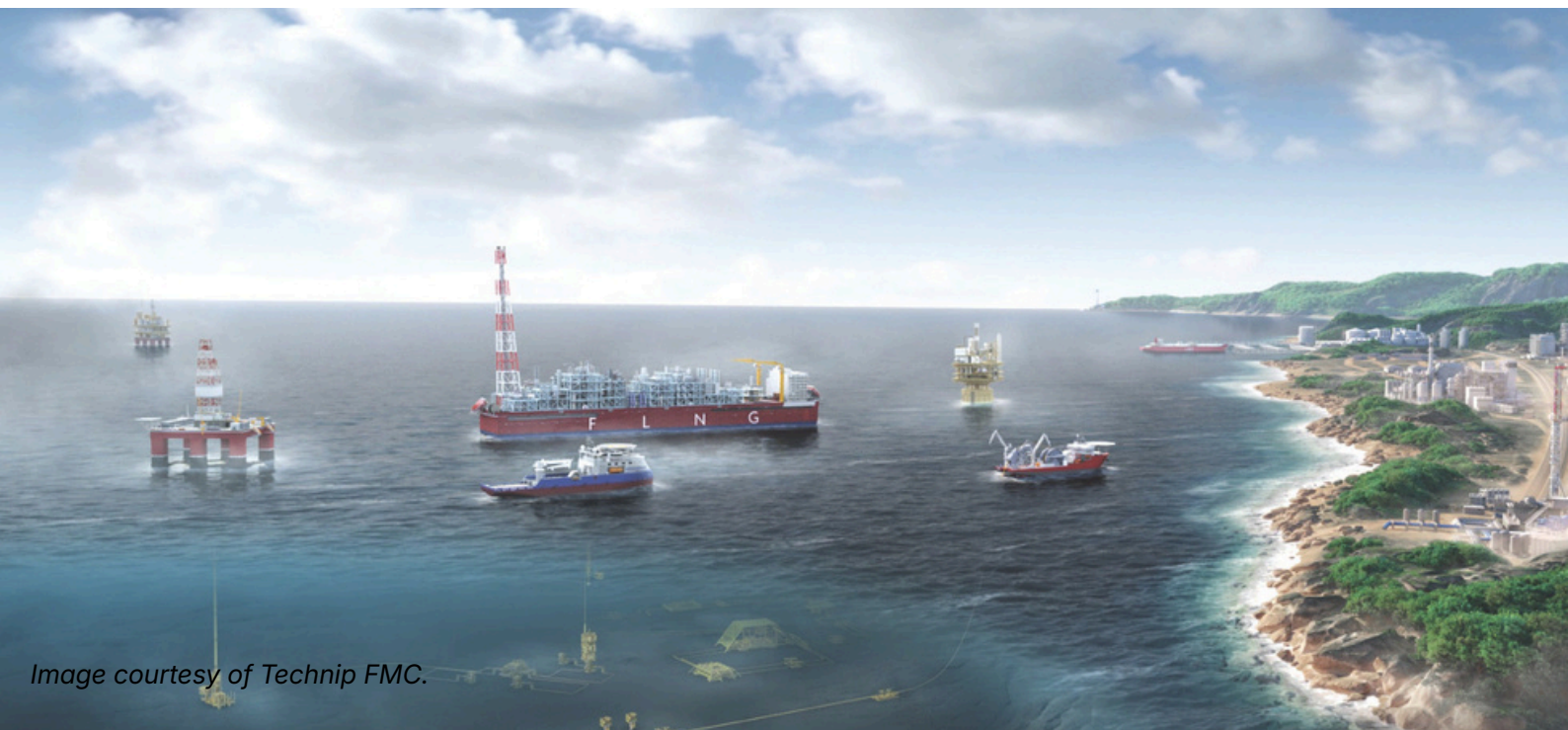
## WHY WILL THIS COURSE BENEFIT YOU?

The Subsea Production Systems Course provides an introduction to the elements of a subsea production system and how they are operated to maximise production and protect system integrity.

Additionally, presenters will explore the typical operational parameters for a subsea system, the information available during normal operation and the requirements for inspection and maintenance to mitigate the many risks posed by both the subsea environment and the produced fluids.

## WHO SHOULD ATTEND?

Anyone who works for an operator, contractor or is part of the supply chain that supports the operation/maintenance of offshore and subsea systems would benefit from learning about the practical operation, maintenance and management of subsea production infrastructure. Those returning to the subsea industry or joining for the first time would also benefit, and gain exposure to the latest technology and operating practices.



# COURSE SCHEDULE

## WENESDAY 3<sup>rd</sup> June 2026

8:30 Registration / Arrival Tea & Coffee

### 8:45 General Intro to Subsea Production Systems

Components of subsea systems, the 'building blocks'  
The purpose of each element & how they fit into the overall system.

### 9:45 Operating Strategies/Practices

Overall system operation subsea tie-backs in oil/gas condensate developments.  
Differences in System operational control schemes (eg. FLNG vs Conventional LNG vs. Domestic Gas).  
Typical pressure, temperature & compositional operating envelope considerations.  
Flow rate control and liquid management.  
Hydrate & Wax mitigation and remediation strategies  
Planned & unplanned transient operations (eg. field start-ups/shut downs)

11:00 Morning Tea

### 11:15 Operating Subsea Systems

A short overview of operating a subsea system, from well start up through the operating phase to well shutdown.  
What information is readily available, how to interpret it, to ensure a safe, smooth and efficient operation.

### 12:00 Vulnerabilities - What could go wrong?

Peter Brownlie, Worley

Explanations of the vulnerability of subsea hardware to the following:  
Hydrates, waxes & scale, causes & remedies  
Control Fluid Cleanliness.  
Incompatible Fluids  
Insulation Resistance.  
Gas Ingress & condensing water  
Technology Obsolescence.  
Reliability, redundancy & flexibility.  
Dragged & dropped objects - Fishing activity.  
Corrosion/erosion.  
Marine environmental influences - temperature, internal water motions & marine growth.

13:00 Lunch Break

### 13:30 Managing Subsea Assets

This session discusses the management of subsea operations by describing the following: Operations in the Asset Lifecycle Subsea Operators Goals & Key Elements to these Achieve Goals. This includes examples of existing subsea infrastructure, operations and maintenance roles & team structures including indicative costs.

### 14:30 Inspection, Repair & Maintenance

Norman Mackay, DOF Subsea

The need for IRM and how it is carried out, exploring: Diver intervention; ROV & Survey Capabilities; IRM Vessels; Inspection and survey systems; AUV Systems; Integrity management: Planning and Timing. Procedure development; Case study examples

15:30 Afternoon Tea

### 15:45 Advanced Systems

Subsea Separation  
Subsea Compression  
Direct Seawater injection

### 16:45 Course Conclusion

SUT reserve the right to amend the course programme as required.



Thank you to the presenting companies:

# REGISTRATION FORM

Please submit your registration to:

Tel: + 61 (0) 8 9481 0999  
Email: [perthevents@sut.org](mailto:perthevents@sut.org)

## Register ONLINE - Click here

Subsea Production Course 3 June 2026 . Please complete the form below and submit via email to [perthevents@sut.org](mailto:perthevents@sut.org) to confirm your registration.

SUT /SEA Membership Number \_\_\_\_\_

Full name \_\_\_\_\_

Job title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

## COURSE FEES:

(please tick)

SUT Member Early Bird	\$600 AUD	<input type="checkbox"/>
SUT Member	\$680 AUD	<input type="checkbox"/>
SEA Member Early Bird	\$657.80 AUD	<input type="checkbox"/>
SEA Member	\$736 AUD	<input type="checkbox"/>
Non-Member Early Bird	\$715 AUD	<input type="checkbox"/>
Non-Member	\$800 AUD	<input type="checkbox"/>
Student Member	\$230 AUD	<input type="checkbox"/>

The prices above are inclusive of GST. Early Bird rates apply to all bookings received by 3th May 2026. All bookings from 4th May 2026 will be charged at the standard rate.

All SUT courses are subject to minimum numbers. If minimum numbers are not met for the course to go ahead, the registration fee may be transferred to a future event or refunded in full. Cancellations: Refunds will be made on written cancellation received up to 10 working days prior to the event, but will be subject to a 15% administration charge. Cancellations received 9—4 working days prior to the event will be charged a 50% cancellation fee. Cancellations received 3—0 working days prior to the event will not be refunded. Delegates may send a substitute in their place at no charge. Should there be any COVID related shutdowns that prevent this course from running in the face to face format, it will be run online instead. \*\* Please note, if you are employed by a direct competitor of a site inspection company, you will not be eligible to attend this component of the course.

## PAYMENT INFORMATION:

Please invoice (PO NO.)

or  
Credit Card

Credit card: Mastercard, Visa or AMEX\* ONLY.

\*Payment by AMEX will carry a 2.75% surcharge, Visa a 1.5% surcharge.

Amex  Mastercard  Visa

Card number \_\_\_\_\_

Card holder's name \_\_\_\_\_

Signature \_\_\_\_\_

Security Code \_\_\_\_\_

(last 3 digits on the back of your card)

Expiry date Issue number \_\_\_\_\_

Email address to send receipt

\_\_\_\_\_

Please tick here if you do not want to receive our weekly newsletter.

## ADDITIONAL REQUIREMENTS (dietary or access)

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