

T H R E E - D A Y C O U R S E

OFFSHORE MARINE OPERATIONS AWARENESS COURSE

ABERDEEN



The Course is aimed at
Engineers, Managers
and Business
Development
Executives involved in
the Offshore Industry

PROGRAMME AND REGISTRATION FORM

This course has been designed to be suitable for anyone with an interest or a need to know more about the offshore marine operations, in particular ...

- Young engineers, managers, business development executives involved in the offshore industry
- New entrants from other industry sectors
- Those within the sector seeking to acquire a greater awareness of this segment, or simply looking to update their knowledge
- Those outwith the sector seeking to gain information on how the offshore marine sector works

By using key supply and service companies the modules are presented by the front line industry players giving the delegates the most up to date information available.

This is a classroom based course but sessions will be interactive with many opportunities to put questions to key individual presenters from leading industry players. Part of the course will be delivered at the Aberdeen Maritime Museum, allowing free access to the Museum's wealth of exhibits.

ORGANISED BY

SOCIETY FOR UNDERWATER TECHNOLOGY

INNOVATION CENTRE, ABERDEEN SCIENCE & ENERGY PARK, BRIDGE OF DON, ABERDEEN AB23 8GX

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Offshore Marine Operations Awareness Course



PROGRAMME

DAY 1 – A.M. TUESDAY

08.30 – 12.30

Welcome

General Introduction to Offshore Marine Operations

- History of the industry
- Use of vessels in the lifecycle of an offshore development
- Importance of the types of vessels to different operational stages in the life of a field
- Overview of the types of offshore installation and stages of operation
- Seismic exploration
- Drilling; well appraisal; anchor handling
- Construction
- Production and operations
- Decommissioning and abandonment
- Supply and re-supply
- Differences between shallow water operations and deepwater operations
- Differences between North Sea, Gulf of Mexico and West Africa operations

12.30 *Lunch*

DAY 1 – P.M. TUESDAY

13.15 – 16.45

Overview of the Market and Commercial Aspects

- Relationships between ship owners and charterers
- The process of chartering and brokering vessels – how the industry works
- What drives the market
- Market analysis: Number and type of vessels operating, etc.; Current major players in the market
- Economics: Development costs and day rates
- Future outlook

Legislation, Health, Safety, and Environment

- Introduction of UK legislation and European Directives
- Its application to offshore installations and operations
- The role of HSE
- Overview of the requirements of health safety and environmental regulations
- Safety cases
- Accident reporting
- Case histories

16.45 *Close*

19.00 *Course Dinner*

DAY 2 – A.M. WEDNESDAY

08.30 – 10.30

Management of Offshore Operations

Pre-Operations

- The players and interfaces
- Selection and audit
- Project roll-out
- Safety management
- Technical preparation

Operations

- Pre mobilisation issues
- Audit issues close-out; risk assessment; procedures approval; bridging manual; roles & responsibilities; emergency response)
- Mobilisation
- Vessel facilities; personnel; third party equipment; safety management security; certification; control/ co-ordination
- Operations
- Roles & responsibilities; daily progress reporting; work scheduling; information transfer; safety; logistics

Post operations

- Demobilisation
- Technical and commercial close-out
- Safety review
- Lessons learned ('SIREN')
- Incentives and rewards

11.00 – 12.30

Operations and Technical Equipment

This session will provide details of the relevant use of marine vessels during the life of an offshore field; an explanation of mobilisation issues; operation of the relevant vessels; describe the nature of equipment used, not only operational equipment but essential vessel equipment fit; explain the importance of the demobilisation process; and give case study examples.

Exploration and Survey – Session 1

- Seismic exploration
- Seabed survey
- Surface and subsea navigation

12.30 *Lunch*

DAY 2 – P.M. WEDNESDAY

13.15 – 15.00

Exploration and Survey – Session 2

- Seismic exploration
- Seabed survey
- Surface and subsea navigation

1500 - 1700

Remote Intervention

- ROV operations
- AUV operations
- Intervention tooling (vessel needs).

17.00 *Close*

DAY 3 – A.M. THURSDAY

08.30 – 12.30

Operations and Technical Equipment (Continued)

Construction

- Heavy lift
- Trenching
- Decommissioning

Construction Support

- Diving operations from vessels
- Diving capabilities

12.30 *Lunch*

DAY 3 – P.M. THURSDAY

13.15 – 17.00

Operations and Technical Equipment (Continued)

Production Operations

- Inspection, maintenance and repair
- Supply and re-supply interfaces

Construction

- Pipe and Umbilical lay

16.00 *Presentation of course certificates*

Close

COMPANIES CONTRIBUTING TO THE COURSE:

Acergy ▪ BP ▪ David Liddle & Co Ltd

Fugro Survey Ltd ▪ Hays Ships Ltd

J P Kenny (Caledonia) Ltd

Poseidon Maritime UK Ltd ▪ Seabrokers Group

Shell Expro ▪ Saipem/Sonsub

Subsea 7 ▪ Technip Offshore UK

All details of location and updates to the programme will be provided with the Joining Instructions.

REGISTRATION INFORMATION

To register, simply complete the registration form and send your payment to SUT's Aberdeen office. Space is limited so early booking is advised.

REGISTRATION FEES:

SUT Members: £975.00 + £170.63 VAT = £1,145.63

Non-Members: £1,275.00 + £223.13 VAT = £1,498.13

Included in the Fees: All refreshments during the Course including a copy of the Course Notes.

PAYMENT METHODS:

Bank Transfer (exclusive of transfer fees and currency exchange rates) to Bank of Scotland, 79 Ellon Road, Bridge of Don, Aberdeen AB23 8BY.

Account No. 00865948. Sort Code 80 05 11.

Account name: SUT Aberdeen Branch.

Cheque: Sterling only drawn on a UK Bank Account. An International cheque can be obtained from all major overseas banks. Please ensure any charges are met at source.

Credit Card: Mastercard and Visa ONLY. We cannot accept payment on any other card.

VAT: Our VAT No. is 242 3504 95. VAT must be paid on all registration fees, including those from overseas.

All EC country organisations must provide their VAT number in accordance with EC VAT regulations. A VAT receipted invoice will be sent in acknowledgment of all pre-paid registrations.

JOINING INSTRUCTIONS: Joining instructions will be sent direct to the registered delegate (as shown on the registration form) on receipt of their written confirmation of attendance.

CANCELLATIONS: Refunds will be made on written cancellations received up to ten working days in advance of the event but will be subject to a 15% handling charge. 50% will be deducted up to three working days in advance and 100% thereafter up to the start of the event. No refund will be given for non-attendance. Delegates may wish to nominate a substitute in their place.

All queries for this event are being handled by the Aberdeen Office of SUT.

ACCOMMODATION: Aberdeen has an enormous range of accommodation from luxury hotels to bed & breakfast. Please phone the SUT Aberdeen Office.

COURSE DINNER: An informal dinner will be held in a local restaurant on the first night of the course (details with joining instructions).

VENUE: Day 1: Aberdeen Maritime Museum.

Days 2 & 3: Patio Hotel, Aberdeen. Full details will be sent with joining instructions.

SUT ABERDEEN CONTACT NUMBERS:

Phone: 01224 823637

Email: events@sut.org

Website: www.aberdeen.sut.org.uk

Registration Form

Offshore Marine Operations Awareness Course

Three-Day Course : Aberdeen

Full Name _____

PLEASE PRINT. THIS IS HOW IT WILL APPEAR ON YOUR NAME BADGE.

Company _____

Address _____

Email _____

Phone No. _____

Fax No. _____

Mobile No. _____

Your VAT No. _____

ALL EC COUNTRIES MUST PROVIDE THIS INFORMATION

SUT Member No. _____

Credit Card (✓)



ONLY THESE SYMBOLS ARE ACCEPTED. DO NOT ADD ANY OTHERS.

Card No. _____

Expiry Date _____

Card Holder's Name _____

Address _____

Signature _____

Date _____

Please complete and return, with your payment (see above for payment methods) to **SUT, Innovation Centre, Exploration Drive, Aberdeen Science and Energy Park, Bridge of Don, Aberdeen AB23 8GX**. To ensure that your application is processed would you please fax a copy of this form to SUT 01224 820236 **BEFORE** sending it to your accounts department.

Only one delegate per form please. Please photocopy Registration Form and send completed version to SUT Aberdeen.

REGISTRATION FEES *Included in the Fees: All refreshments during the Course and a copy of the Course Notes.*

Please indicate:

Non Member (*details of membership will be provided*)

Vegetarian Meal required

SUT Members:

£975.00 + £170.63 VAT = £1,145.63 _____

Non-Members:

£1,275.00 + £223.13 VAT = £1,498.13 _____

Cheque enclosed, inclusive of VAT but exclusive of bank charges, made payable to SUT for £ _____