

Offshore Marine Operations Awareness Flowlines Course



PROGRAMME

DAY 1

08.30

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 – 13.30 *Lunch*

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; 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

08.30

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 and 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

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.

Construction

- Pipe and umbilical lay

13.00 – 14.00 *Lunch*

Well Intervention

- What is Well Intervention
- Why intervene
- Types & Methods
- Interfacing & Control
- Challenges

ROV Operations

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

17.00 *Close*

DAY 3

08.30

Operations and Technical Equipment (Continued)

Construction Support

- Diving operations from vessels
- Diving capabilities

Construction

- Heavy lift
- Trenching
- Decommissioning

12.00 – 13.00 *Lunch*

Exploration and Survey

- Seismic exploration
- Seabed survey
- Surface and subsea navigation

16.00 *Close*

COMPANIES CONTRIBUTING TO THE COURSE:

Acergy
David Liddle & Co Ltd
Fugro Survey Ltd
Hays Ships Ltd
J P Kenny (Caledonia) Ltd
Max Marketing
Poseidon Maritime UK Ltd
Saipem/Sonsub
Subsea 7
Technip UK Ltd
Well Ops (Hellix Energy)

REGISTRATION INFORMATION

To register please complete the registration form and send to SUT's Aberdeen office SUT, Innovation Centre, Exploration Drive, Aberdeen Science and Energy Park, Bridge of Don, Aberdeen AB23 8GX.
Telephone: + 44 (0)1224 823637.
Fax: + 44 (0)1224 820236. Email: michele.ross@sut.org.
Space on the course is limited so early booking is advised.

REGISTRATION FEES

SUT Member Rate:
GBP £975.00 + £170.63 VAT = £1,145.63

Non Member Rate:
GBP £1,275.00 + £223.13 VAT = £1,498.13

All refreshments and copy of the course notes included in the fees.

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. Sort Code No: 80 05 11. Account No: 00865948, Account Name: SUT Aberdeen Branch.

Cheque: Please make payable to "Society for Underwater Technology". 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: Please provide details below. We do not accept American Express Cards.

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 acknowledgement of all pre-paid registrations.

JOINING INSTRUCTIONS Joining instructions will be sent direct to the registered delegate (unless otherwise advised) on receipt of their written confirmation of attendance.

ACCOMMODATION Aberdeen has a wide range of accommodation; please contact the SUT Aberdeen office for information.

TRANSPORT Delegates are responsible for their own travel arrangements at the beginning and end of each day.

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

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.

THREE-DAY COURSE

OFFSHORE MARINE OPERATIONS AWARENESS FLOWLINES COURSE

ABERDEEN



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

Registration Form

Offshore Marine Operations Awareness Flowlines Course

Three-Day Course : Aberdeen

Please complete and either email to
michele.ross@sut.org or print off a copy and
fax to + 44 (0)1224 820236

Name	Credit Card Payment (Not American Express):
Company	Amount £
	Card No. / / /
Address	Start Date
	Expiry Date
	Security No. (last 3 digits on back)
Postcode	Name on Card
	Billing Address
Email	
Phone No.	
Fax No.	
SUT Member No.	Please indicate your preferred payment method:

- Credit Card (details above)
 Cheque enclosed, made payable to
Society for Underwater Technology
 Please Invoice quoting PO No. _____

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

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