

Two Day Subsea Awareness Course



May 7th, OneSubsea, at
Horsøy



May 8th, TechnipFMC at CCB

Two Day Subsea Awareness Course

The two-day subsea awareness course is aimed at engineers who are new entrants to the subsea industry. Employees and refresher candidates who need technology conversions within the offshore industry.



Day 1 will be spent at OneSubsea modern manufacturing facility at Horsøy where the attendees will in addition to technical presentations be able to walk through the factory and inspect state of the art subsea processing equipment including multiphase pumps, multiphase meters, production trees, etc. Subsea 7 will cover the afternoon session on offshore marine operations.



Day 2 will be spent at TechnipFMC facility at CCB where there will be more focus on Subsea Production Systems including a tour of their workshop. Equinor will cover the afternoon session and present the operators perspective of subsea field developments.

If you are working with Subsea Oil and Gas you should take this unique opportunity to upgrade on the latest technology in the business. The two-day course is a cost effective way to update and prepare for the increased activity we experience in the subsea business.

Two Day Subsea Awareness Course

Registration Fees

SUT member rate NOK 8.500,- + VAT Total 10.625,-

Non member rate NOK 9.500,- + VAT Total 11.875,-

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

Registration

Please complete the registration routine as instructed on web page:

<http://no.surveymonkey.com/s/SACsept2018>

Number participants is limited to 20

About Society for Underwater Technology

SUT is a world-wide, multi-disciplinary, learned society that brings together organizations and individuals with a common interest in underwater technology, ocean science and offshore engineering. SUT was founded in 1966 and has members from more than 40 countries.

The organization has comprehensive expertise within its area of activity, whereby influencing on the development of new techniques and tools to further explore and exploit the worlds oceanic resources.

For more information: See <https://www.sut.org>

Day One:



0900-0930 Registration

0900- 0930 Departure to **OneSubsea** at Horsøy

0930-1230 Welcome address

- Optimize Production from Pore to Process – The key to improving production and recovery
- Increase production by multiphase boosting
- Experience from the Gullfaks Wet Gas Compression Project
- Active use of multiphase meters for production optimization
- Tour of OneSubsea workshop including subsea test pit facility

1230-1330 - Lunch break

1330-1630

Subsea 7 –Offshore Marine operations – Subsea Field Development, Inspection, Maintenance and Repair

- The Marine Operations “Toolbox” (Vessels, ROVs and Divers)
- Seabed mapping/survey – How to create a 3D model of the seabed
- Structure Installations – How to construct the “Subsea factory”
- Subsea Umbilicals, Risers and Flowlines (SURF) – How to connect the “Subsea factory” to the host
- Inspection Maintenance and Repair (IMR) – What is needed to keep the “Subsea factory” going throughout its lifetime
- Decommissioning – “Cleaning up”

Overview subsea instrumentation

Application of subsea instrumentation

Condition monitoring;

- Pipe integrity
- Vibration
- Corrosion
- Erosion

1630-1700 - Transport to Bergen

1830 – **Dinner**

Day Two:



0700-0800 - Breakfast at hotel

0815-0900 - Departure to TechnipFMC at Ågotnes

0930-1230 - TechnipFMC

Presentation of main Subsea Systems. Use of animation to visualize the different Installation sequences;

- Wellhead tool and equipment
- X-mas tree
- Flow control module
- Tubing hanger & tree cap
- Subsea control module
- Work over tool and control system
- Intervention tools

Tour of TechnipFMC workshop

1230-1330 - Lunch Break

1330-1630

- Subsea field development and operation
- Operational experience for a subsea field
- Pipeline systems
- Pipeline repair systems (PRS)

Summary

1630 - Transport to Bergen