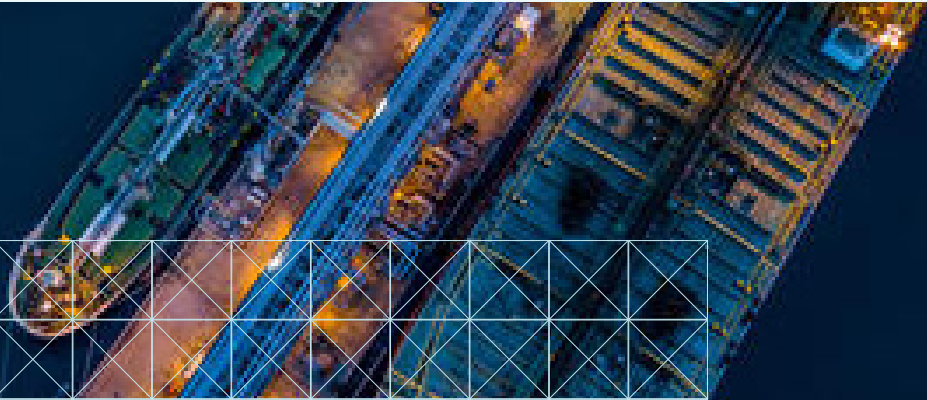


# SHIPHANDLING

## STS PHASE 1



KONGSBERG



### COURSE DESCRIPTION

#### LEARNING OBJECTIVES

This course aim to provide knowledge, understanding and skills to conduct a safe and professional ship to ship (STS) transfer operations of crude oil, petroleum products, chemicals and liquefied gases, both at sea and in port.

#### TARGET GROUP

Master Mariners, Deck Officers, Pilots, POACs, Mooring Masters and STS Superintendents scheduled to take part in or conduct STS-operations.

#### ENTRY REQUIREMENTS

- Deck Officer Certificate D3, and;
- Completed KM Training Course NAV30 Shiphandling Phase 1, Module 30.01- 30.09, or equal

#### CONTENT

- Introduction to STS
- Operation personnel
- STS Operation Procedure and Check Lists
- Interaction
- Communication
- Fenders
- Mooring
- External Forces
- Anchoring
- STS incidents

#### LEARNING PROCESS

The course consists of totally nine theoretical lessons and nine selected simulator exercises. Participant learning progress assessed by concurrent evaluation during both theory sessions and simulator exercises.

#### DURATION

33 Hours

#### NO. OF PARTICIPANTS

Maximum 3 - Minimum 2

#### REFERENCES

OCIMF - Ship to ship transfer guide

#### LANGUAGE

English if not otherwise agreed.

#### ASSESSMENT

The participants knowledge will be tested by Kongsberg Maritime's assessment system.

#### CERTIFICATE

Certification of attendance will be issued upon successful completion of the course.

#### BOOKING & INFORMATION

[www.km.kongsberg.com/training](http://www.km.kongsberg.com/training)

#### TERMS & CONDITIONS

All training to be provided by KONGSBERG is subject to customer's acceptance of the KONGSBERG Terms & Conditions for Training.