

CERTIFICATE COURSE IN STS OPERATIONS

COURSE OBJECTIVES-

Ship-to-Ship (STS) operations training covered maneuvering techniques, anchoring procedures, emergency response measures, and safe fender handling practices. Participants were familiarized with tanker-specific layouts, operational requirements, and safety precautions associated with STS operations.

ABOUT THE COURSE-

This course offers comprehensive knowledge and familiarization with Ship-to-Ship (STS) operations, covering maneuvering techniques, forces involved in rudder and propeller use, anchoring procedures, and emergency response protocols. Participants will learn how to securely manage fenders, select appropriate sizes, and assess their strengths and limitations for safe mooring arrangements during STS operations, including ship/ship interaction and various environmental conditions.

The course emphasizes the use of checklists, exchange of experiences among masters, pilots, and mooring masters, and briefing and debriefing sessions to enhance operational efficiency and mitigate risks. Tanker-specific layouts and case studies of STS incidents provide valuable insights into best practices and safety measures for successful STS operations.

PARTICIPANTS-

All Deck Officers

DURATION-

One day

KEY OBJECTIVES-

- Maneuvering techniques during STS operations
- Understanding forces related to rudder and propeller usage
- STS operations without tugs and ship/ship interaction
- Anchoring procedures for STS operations
- Emergency response protocols
- Safely securing and managing fenders during shifting/sailing
- Selecting appropriate Fender sizes and quantities
- Mooring arrangements and communication with other vessels
- Procedures for various environmental conditions
- Use of checklists and experience exchange among crew
- Briefing and debriefing sessions for operational efficiency
- Familiarization with tanker-specific layouts
- Case studies and incident analysis for learning.

TRAINERS



CAPT TANUJ BALANI

Captain Tanuj Balani, an experienced maritime professional, brings extensive expertise to his role as a trainer. With a background as a Master Mariner and advanced diplomas including an MBA and Masters's Certificate of Competency, he is well-equipped to deliver high-quality training. Tanuj's experience as a Nautical Course officer approved by DG Shipping in India highlights his commitment to education, offering courses for Oil & Chemical Tanker and other STCW courses. His diverse background and continuous learning make him a skilled and knowledgeable trainer in the maritime industry.



CAPT SUNIL SHUKLA

Captain Shukla, a Certified Trainer for the Marine industry, demonstrates a steadfast commitment to enhancing competency and skill development. With over 15 years of experience as a trainer, he excels in delivering modular training onboard and via electronic platforms, adapting to evolving educational methods. His expertise includes comprehensive Human Resources training, particularly in QHSE practices. Additionally, he conducts SOP inductions to ensure industry best practices are integrated into maritime operations, reflecting his dedication to fostering a proficient and safety-conscious workforce.