

# OIL TANKER CARGO HANDLING SIMULATOR - (IMO MODEL COURSE 2.06 )



Course Durations: **5 Days**

Course Applicability Ranks: **Capt, C/O, 2/O, 3/O**

- The course is approved by the Directorate General of Shipping and meets the requirements laid down in Regulation I/12, Sections A-I/12, B-I/12 and Table A-V/1-1-2 of the STCW Convention and Code as amended and is in compliance with IMO Model Course 2.06.
- The simulator creates real time operational environments for cargo and ballast handling training on ship models of the following types.
  1. VLCC (DWT 318692 mt). An oil tanker with 15 cargo tanks, 2 slop tanks, 3 steam driven centrifugal cargo pumps, AUS, VECS, COW and inert gas system and BWTS plant.
  2. Aframax tanker (DWT 116000 mt). An Oil Tanker with 12 cargo tanks, 2 slop tanks, 3 steam driven centrifugal cargo pumps, AUS, VECS, COW and inert gas system and BWTS plant.
  3. Product Tanker (DWT 47400 mt). The tanker model is equipped with submerged (Framo) pumping system serving 5 sets of cargo tanks and 2 slop tanks, tank deaning and inert gas system.
- The tanker models are equipped with Loading Computers for offline cargo planning, online intact stability monitoring and damage stability calculations.



- The Simulator is capable of operating with Part task stations and in Full mission mode:
- Part task simulator stations : Individual stations can be used for single student equipment familiarization, cargo stowage planning and demonstrating operational concepts.
- Full mission simulator : Real time resource management training can be provided with Chief officer/ OOW monitoring & controlling cargo operations in CCR & duty officer and supporting team assisting in operations on Deck panel and Pumproom.