Prototype – Product Tanker
Tanker is designed to carry five types of different cargoes simultaneously, including crude oil and oil products in 10 different cargo tanks.

**Tonnage and dimensions**

- DWT (12.2) 47400 tns
- Length Overall 182.50 m
- Length B.P. 174.80 m
- Breadth moulded 32.20 m
- Depth moulded 17.50 m

**Cargo handling**

- Cargo tanks (inc. slop tanks) 54 298 m³
- Ballast tanks 21 726 m³
- Cargo hydraulic pumps 12×550 m³/h
- Ballast hydraulic pumps 2×1000 m³/h
- Depth moulded Steam, 80°
SIMULATED SYSTEMS

- Cargo handling System
- Deep Well Pumps Control Panel
- Oil discharge monitoring equipment (ODME) System
- Loading control system
- Ballast System
- Deck Wash and Firefighting System
- Gas Detection System
- Tank Heating System
- Crude Oil Washing System
- Inert Gas Systems

SIMULATOR COMPONENTS

The cargo control console and terminal control console comprise of:

- Panels, imitating the real equipment of Cargo Control Room of the ship
- Panels, imitating the screens of Cargo Monitoring System software, installed on the ship
- Interactive scalable drawings of the systems and subsystems used in ballast handling operations
- Interactive 3D visualization of the ship with a possibility to control deck equipment
- 3D visualization of the pictures presented by the ship/pier CCTV System cameras
- 3D visualization channels of the view from cargo control room window
- Loading Control System

JOINT OPERATION WITH ENGINE ROOM SIMULATOR

- Power generation / consumption
- AUX machinery and subsystems
- Heat supply (steam) for cargo system
- Fire fighting system