



FKAB T25

10 000 m³ Oil and Chemical Tanker

The FKAB T25 design is a 10 000 m³ tankers for Chemicals (IMO II) and Oil Products, which are design for low fuel consumption and tailor made for the trade in an ECA area. The hull form is designed for good performance in harsh weather conditions. A deck trunk from forecastle to poop, containing most of the cargo equipments.

Each tank is equipped with one submerged deep well pump. One super stripping system is installed. The heating system consists of one primary and one secondary thermal oil system with deck heaters or heating coils in tanks depending on final cargo list.

The complete cargo piping system in stainless steel and the cargo tanks coated with phenolic epoxy coating. Twelve cargo segregations with six cargo tanks. One nitrogen(N₂)plant with capacity of 400 m³/h N₂, 95 %.

Accommodation for twelve persons, all in single cabins. The bridge wings are closed and fore-castle sheltered.

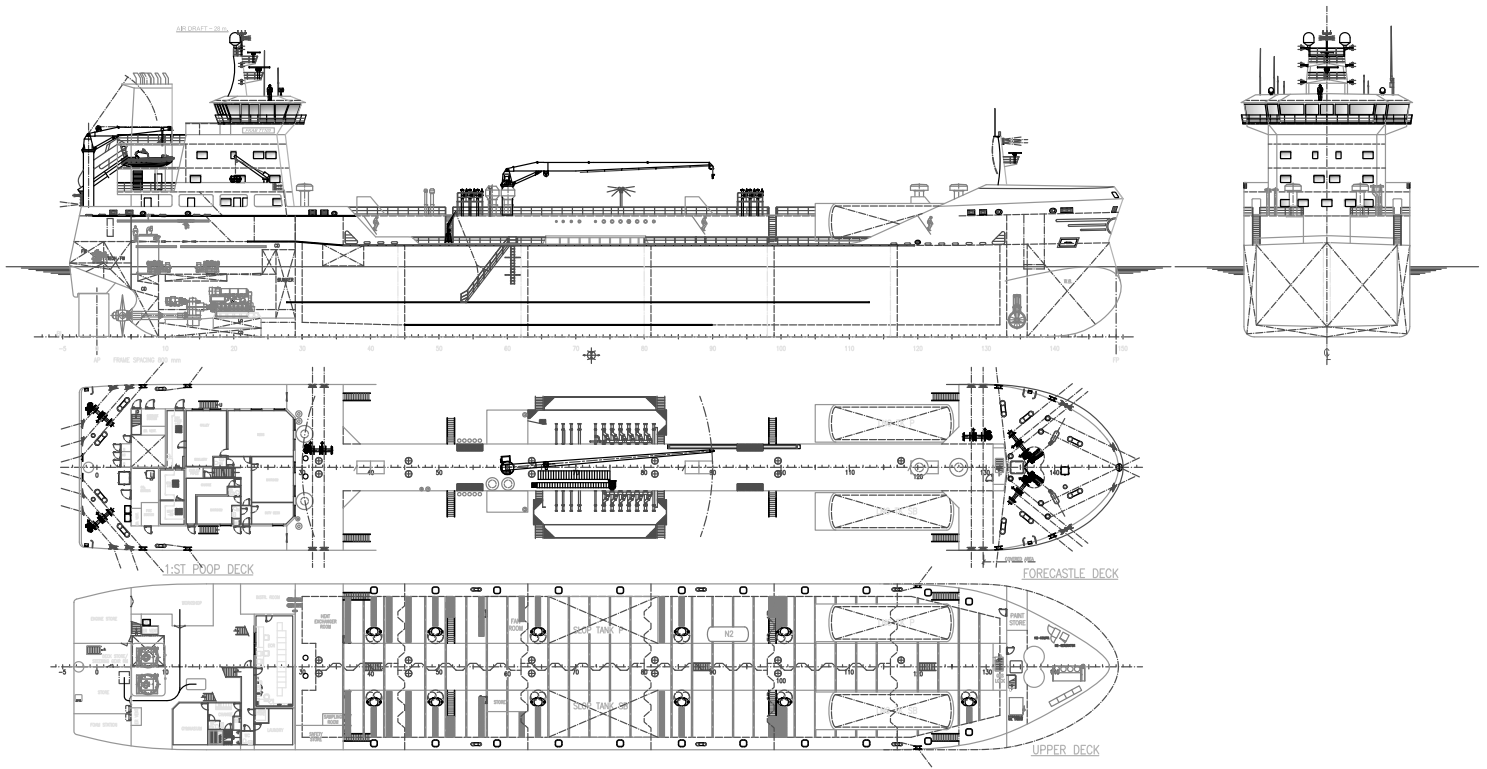
The main fuel is LNG, from storage tanks forward, with a capacity for a round trip Oslo- Kirkenes. The main engine is a duel fuel engine. The auxiliaries are running on MGO. PTO/PTI or other suitable solutions for redundant propulsion are considered.

The FKAB T25 is designed for low fuel consumption with among others are slender well balanced hull, large propeller and smart energy use. Shaft generator for variable RPM for the best combination of pitch and propeller revolution at each speed and draught are considered.

The FKAB T25 is designed for good maneuvering through a high lift rudder and abow thruster. Heat recovery systems are installed where commercial feasible.

MAIN FIGURES

Cargo cubic capacity, (100%)	10 000 m ³
Deadweight at design draught	9 700 tonnes
Service speed	13,0 knots



MAIN PARTICULARS

Length over all	123 m	Water ballast abt.	4 500 m ³
Length between PP	119,2 m	Cargo pumps	12 x 450 m ³ /h
Breadth mld	19,4 m	Ballast pumps	2 x 400 m ³ /h
Depth mld	10,7 m	Accommodation	12 persons, all in single cabins
Draught design	8,2 m	Main engine	3 000 kW
LNG tanks	300 m ³	Aux engines	3x700 kW
MDO tanks	200 m ³	Shaft generator	600 kW
Fresh Water tanks	50 m ³	Boiler capacity	2 x 1750 kW
Technical Fresh Water tank	300 m ³	Bow thruster	500 kW

CLASS

Det Norske Veritas +IA1, Tanker for Oil Products/
 Chemicals, ESP, GAS FUELLED, ICE 1C,EO, TMON, BIS,
 NAUT-AW, CLEAN, INERT, AP-2 (20 %), ETC, LSC-DC,
 VCS-2, BWM-T, COMF C(3), COMF V(3)

FUEL OIL CONSUMPTION

