



T27

11 100 m³ Stainless Steel Chemical & Product Tanker

GENERAL

The FKAB T27 is a 11 100 m³ stainless steel tanker for Chemicals (IMO II) and Oil Products. It is designed for low fuel consumption and high cargo capacity with a density of 1,54 ton/m³ in an SECA area trade. The hull form is designed for good performance in harsh weather conditions.

All 14 cargo tanks and its system in stainless steel.

Pipe tunnel is arranged in the double bottom and on weather deck, containing all pipes and equipment.

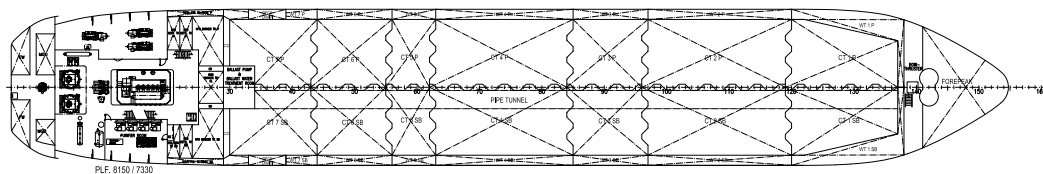
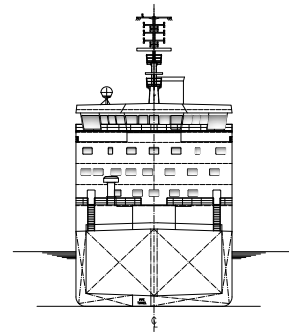
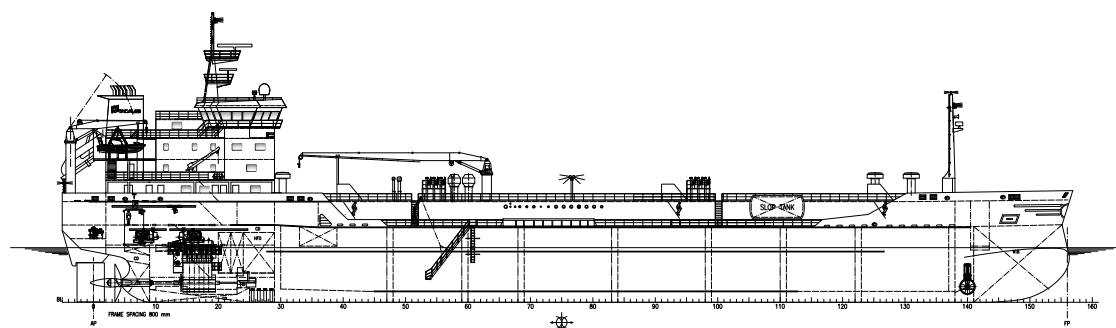
The vessel is equipped with a low speed dual fuel engine with low fuel consumption, without gear, enabling a large propeller, with high propulsion efficiency.

Main fuel is LNG with tanks on deck and MGO as back up and pilot-fuel.

The tanker is designed for good ice performance with Finish/Swedish Ice Class 1B.

MAIN FIGURES

Cargo cubic capacity, incl sloptanks (100%)	11 100 m ³
Deadweight at design draught	9 000 ton
Loading rate/tank pair	1 000 m ³
Discharge rate	1 200 m ³ /h
Service speed at design draught 75 % MCR with 10 % sea margin	13.0 knots
Fuel consumption at 13,0 knots	LNG 8,20 ton/day, Pilot fuel 0,25 ton/day
Fuel consumption at 13,0 knots	MGO 8,65 ton/day



MAIN PARTICULARS

Length over all	129,5 m	Technical FW tanks	160 m ³
Length between PP	124,8 m	Domestic FW tanks	90 m ³
Breadth mld	20,0 m	Water ballast	5 000 m ³
Depth mld	9.6 m	Main engine	Two stroke Dual Fuel abt 5500 kW at abt 100 rpm
Draught design	7,0 m	Aux engines	2 x 500 and 1 x 1300 kW
Draught scantling	7.5 m	Shaft generator	550 kW
Deadweight at design draught	9 000 ton	Bow thruster	500 kW
Deadweight at scantling draught	9 500 ton	Cargo pumps	14 x 200 m ³ /h
Cargo capacity	11 100 m ³	Ballast pumps	2 x 400 m ³ /h
HFO tanks	400 m ³	Accommodation	20 pers
DO tanks	125 m ³		

CLASS

DNV*1A1 Tanker for Oil Products/Chemicals, ESP, Ice 1B, EO, HL(1,54), TMON, BIS, NAUT-AW, Clean, INERT, ETC, BWM-T.