



FKAB T40

4 999 DWT Product & Chemical Tanker

GENERAL

The FKAB T40 is a 4999 dwt, a double hull TIER III product and chemical (IMO type II)class. It is designed for trading in SECA area with low fuel consumption, low emissions and high cargo capacity.

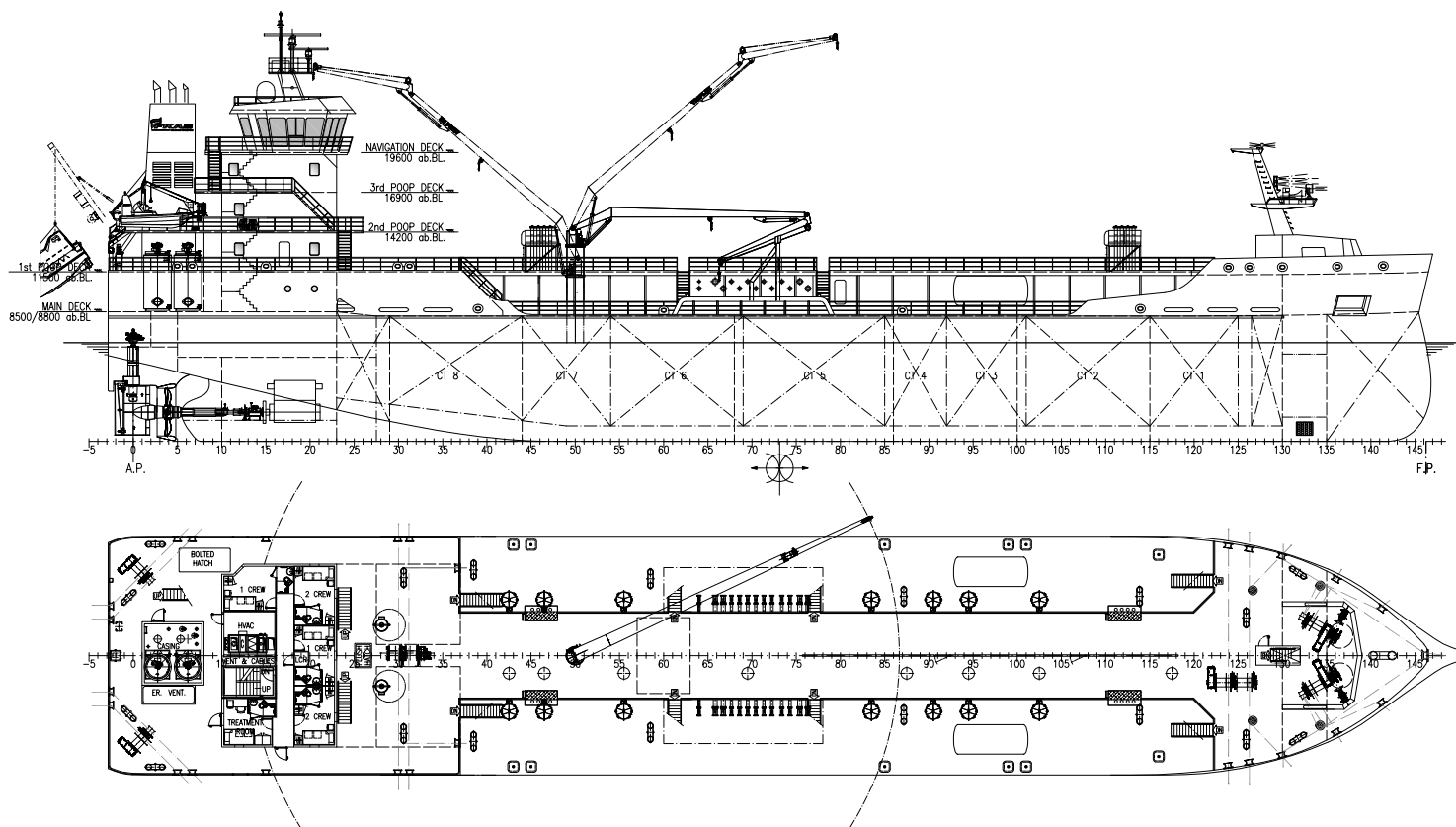
It has diesel electric machinery with twin skeg/twin screws for low fuel oil consumption and high redundancy. The vessel has a clean design, recyclable and redundant propulsion class notation.

Five gen sets power the vessel for propulsion and all electric consumers onboard. All engines fulfill Tier III requirement and are driven by MGO. Each gen set is placed in a sound insulation box. For higher safety and better working environment.

The vessel is divided into 2x8 cargo tanks for all kinds of cargo, 2 slop tanks.

For good maneuvering there are two high lift flap rudders. In addition, a bottom suction type bow thruster where the flow is controlled by a rotating drum through three channels; one to SB, one to P and one aft. This gives additional propulsion redundancy to the main propulsion. In all conditions.

The vessel is arranged with one manifold midship.



MAIN PARTICULARS

Length over all	89.9 m	Propulsion motors:	2 x 1 000 kW, derated to 2 x 750 kW
Length between PP	87,7 m	Aux engines	5 x 500 EkW /1 x 200 EkW
Breadth mld	16,2 m	FP propeller	2x Ø 3.2 m
Depth mld	8.5 m	Bow thruster	500 kW
Draught design	6.7 m	Cargo pumps	5 x 450 m ³ /h 3 x 300 m ³ /h
Deadweight at design draught	4 999 tonnes	Slop pump	150 m ³ /h
Cargo capacity incl. slop tanks	5 650 m ³	Boiler	2 x 2 000 kW
FO tanks	200 m ³	Accommodation	10 persons
FW tanks	40 m ³	Design Speed	11.5 knots
Technical FW tanks	20 m ³		
Water ballast	2 100 m ³		

CLASS

DNVGL 1A Tanker for Oil products and Chemical, IMO 2, ESP, ICE(1B), EO, HL (1,54) TMON, BIS, NAUT(OC), CLEAN DESIGN, Recyclable, COMF(V-1), COMF(C-2), VCS(2), RP(2,50%), ETC, BWM(T), VIBR