

FKAB T30

30 000 DWT Product and Oil Tanker

GENERAL

The FKAB T30 design is a product oil tanker with the aim for navigating in draught restriction port. The design is also suitable to transport vegetable oil as well as other easy chemicals.

The vessel is divided into twelve cargo tanks and two slop tanks. Ballast tanks are protecting the cargo tanks.

Three horizontal centrifugal cargo pumps arranged in pump room. Cargo system designed for load and discharge three (3) different types of cargo simultaneously without contamination.

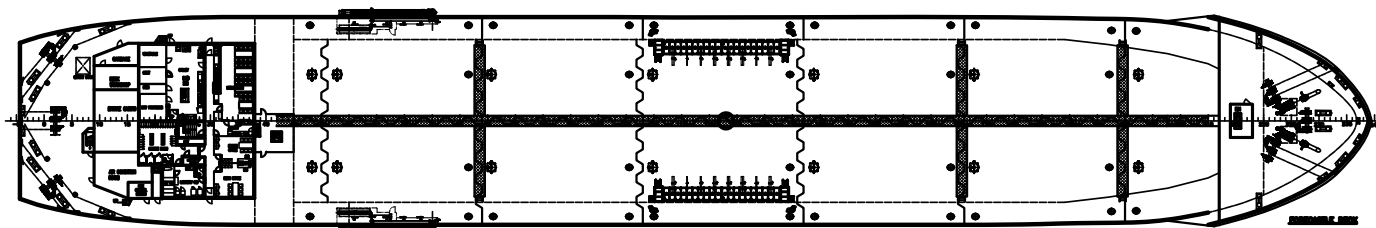
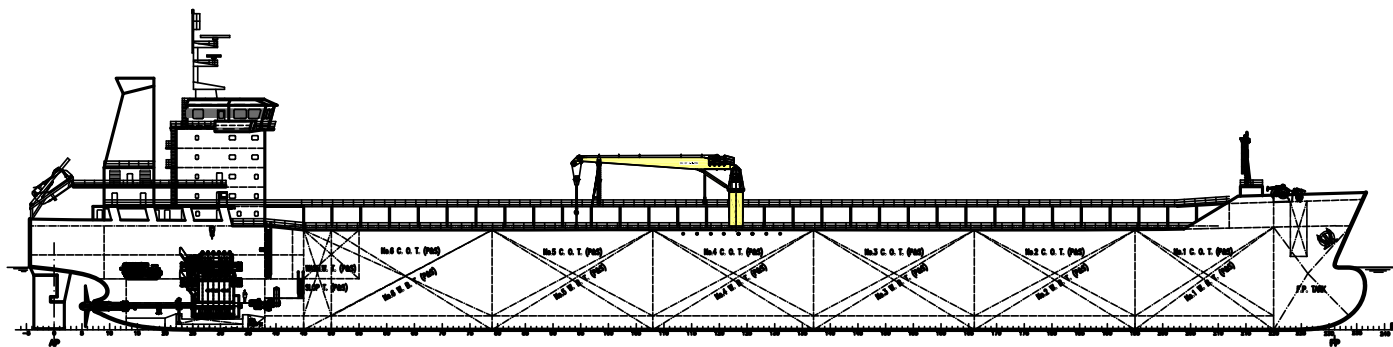
Propulsion by a fixed pitch propeller driven directly by a two stroke low speed diesel engine.

The vessel hull form is optimized and model tested in a well known European tank test basin. Daily fuel consumption at service speed less than 20 tonnes. At slower steaming speed 13.0 knots the daily fuel consumption can be reduced to 16 tonnes.

EEDI complies with phase 3 requirement, i.e 30% reduction compare to baseline requirement.

MAIN FIGURES

Cargo capacity	36,000 m ³
Deadweight	30,000 tonnes at design draught
Service speed	14.0 knots at design draught, 90% SMCR and 15% sea margin



MAIN PARTICULARS

Length over all	192.0 m	Technical fresh water	300 m ³
Length between PP	185.0 m	Domestic fresh water	50 m ³
Breadth mld	30.0 m	Main engine SMCR	5 500 kW at 87 rpm
Depth mld	14.4 m	Aux engines	3 x 1 000 kW at 900 rpm, subject to power balance
Draught design	9.0 m	Cargo pumps	3 x 1 200 m ³ /h
Deadweight	30 000 tonnes	Ballast pumps	2 x 600 m ³ /h
Cargo capacity	36 000 m ³	Accommodation	25 persons
Discharging rate	3 600 m ³ /h	Service speed at design draught 90% SMCR and 15% sea margin	14.0 knots
FO tanks	1 000 m ³		
DO tanks	300 m ³		

CLASS

BV Class 1, +HULL +MACH, Oil Tanker, Chemical Tanker (IMO II), Unrestricted navigation, Inwater survey, MON-SHAFT, IG, EWCT