

Combi Tanker 6000

STANDARD



PICTURE OF SIMILAR VESSEL

GENERAL

Yard number	-
Basic functions	Transportation of CPP (Clean Petroleum Products) flashpoint < 60°C
Classification	Bureau Veritas I* Hull * Mach, *AUT-UMS, *SYS-NEQ-1, Oil tanker / Chemical tanker ESP IMO Type 2 Unrestricted Navigation, Mon - Shaft, IWS (In Water Survey) Max. specific weight cargo 1,025 ton/m³ Setting PV-valves: 14 kPa / -3.5 kPa

DIMENSIONS

Length overall	88.70	m
Length b.p.p.	85.62	m
Beam moulded	17.00	m
Depth moulded at side	10.10	m
Draft (max)	6.40	m
Deadweight	± 5,100	ton
Tonnage	3,880	GT

TANK CAPACITIES

Ballast water	2,800	m³
Fuel oil	300	m³
Potable water	43	m³
Technical / wash water	100	m³
Sewage	29	m³
Urea	22	m³
Lubrication oil	10	m³

TANK CAPACITIES, CARGO

Segregation 1, 2 tanks (100%)	1,420	m³
Segregation 2, 2 tanks (100%)	1,640	m³
Segregation 3, 2 tanks (100%)	1,650	m³
Segregation 3, 2 tanks (100%)	1,440	m³
Total cargo tank capacity	6,150	m³
Slop tank (100%)	190	m³

TANK SYSTEM, CARGO

Cargo pump(s), deep-well	8x 200 m³ / hr
Load / Unload (max)	1,200 m³ / hr
Slop pump(s), deep-well	1x 60 m³ / hr
Stripping pump(s)	Via cargo pumps
Tank ventilation	Controlled venting (PV-valves) Vapour return system
Tank cleaning	Fixed tank cleaning
Tank heating	Thermal oil / st.st. coils
Tank monitoring	Closed gauging

PERFORMANCES

Speed @ T = 6.25 m	13.5 kn
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PROPULSION SYSTEM

Main propulsion	1x Direct drive tandem permanent magnet motor 1,700 kW
Propeller	1x Controllable pitch, 3.85 m, 4 blades
Rudder system	1x Flap type, cylinder type steering gear
Bowthruster	1x Electric, fixed pitch 300 kW
Sternthruster	1x Electric, fixed pitch 200 kW

ELECTRICAL EQUIPMENT

Generator set(s)	4x Main ~600 kWe, 60Hz 1x Emergency, 105 kWe, 60Hz
Shore supply	1x 230/400 V, 240A, 100 m cable

DECK LAY-OUT

Winch(es)	2x Electric-hydraulic anchor, with warping head 4x Electric-hydraulic mooring, with double drum and one warping head
Crane(s)	1x Electric-hydraulic, hose handling SWL 3 ton @ 20 m
Lifesaving	2x Life rafts 1x Rescue boat 1x Freefall life boat

SECONDARY SHIP SYSTEMS

Compressor(s)	1x Starting air 1x Working air 1x Purge air 1x Fuel oil
Filter Separator(s)	1x Bilge water acc. Marpol 1x Ballast water treatment unit
Pump(s)	2x Ballast 400 m³/hr 1x Emergency firefighting 2x Fuel oil transfer
Firefighting system	CO₂ for engine room, Foam for cargo deck

ACCOMMODATION

Crew	15 persons + hospital
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NAUTICAL AND COMMUNICATION EQUIPMENT

Radio telephone set	According to GMDSS for area A3, Double ECDIS
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SPECIAL EQUIPMENT

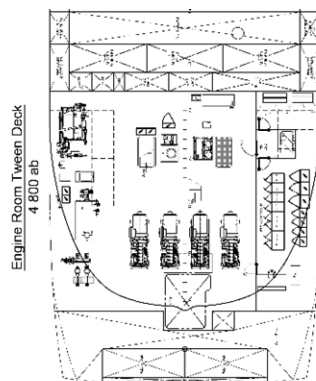
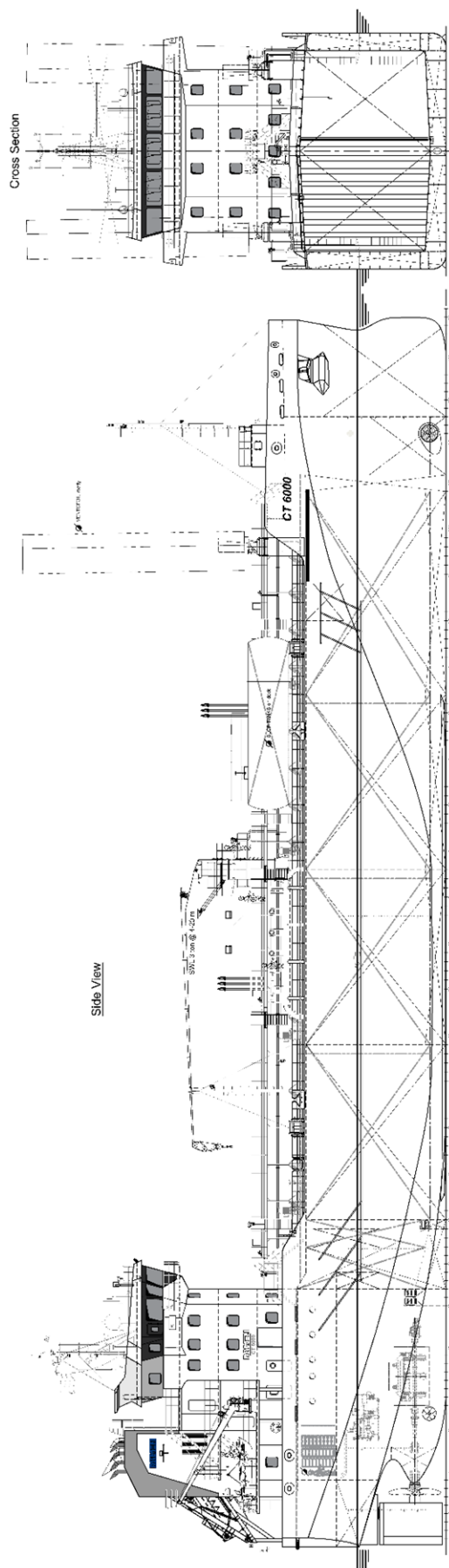
Oil Discharge Monitoring System
Gas freeing system

OPTIONS

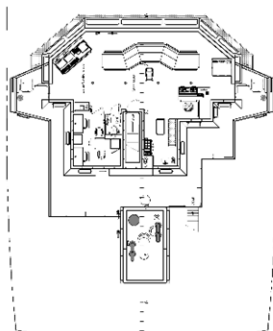
02 – Energy Storage System (Battery pack)
04 – Ventofoil prepared
05 – Bio Diesel

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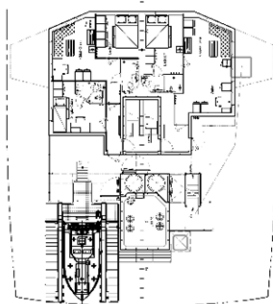
STANDARD



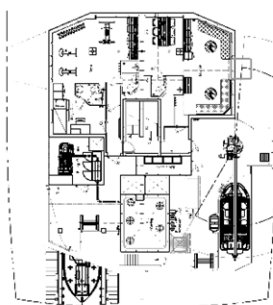
Engine Room Tween Deck
4 800 ab



Bridge Deck
19 200 ab



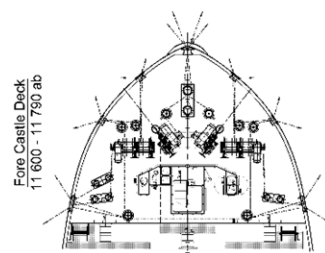
Captains Deck
16 400 ab



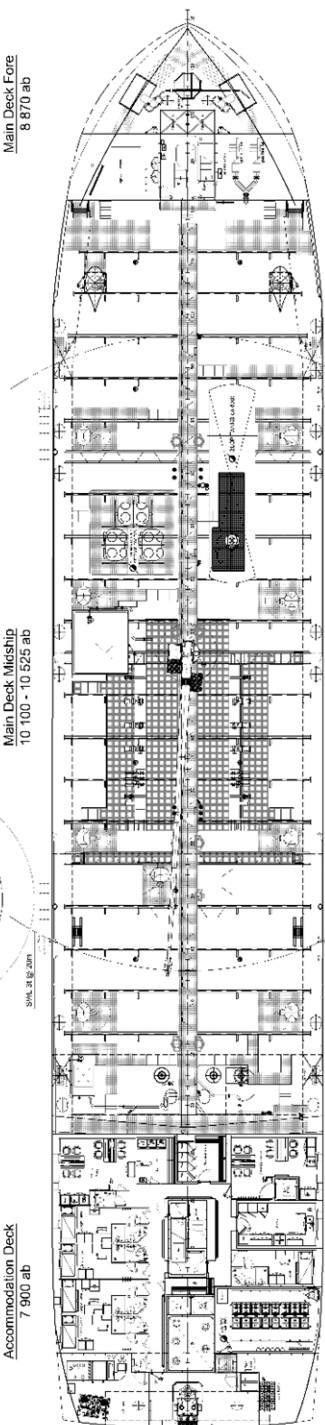
Boat Deck
13 600 ab



Poop Deck
10 800 ab



Fore Castle Deck
11 600 - 11 790 ab



Main Deck Fore
8 870 ab

Main Deck Midship
10 100 - 10 525 ab

Accommodation Deck
7 900 ab

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