

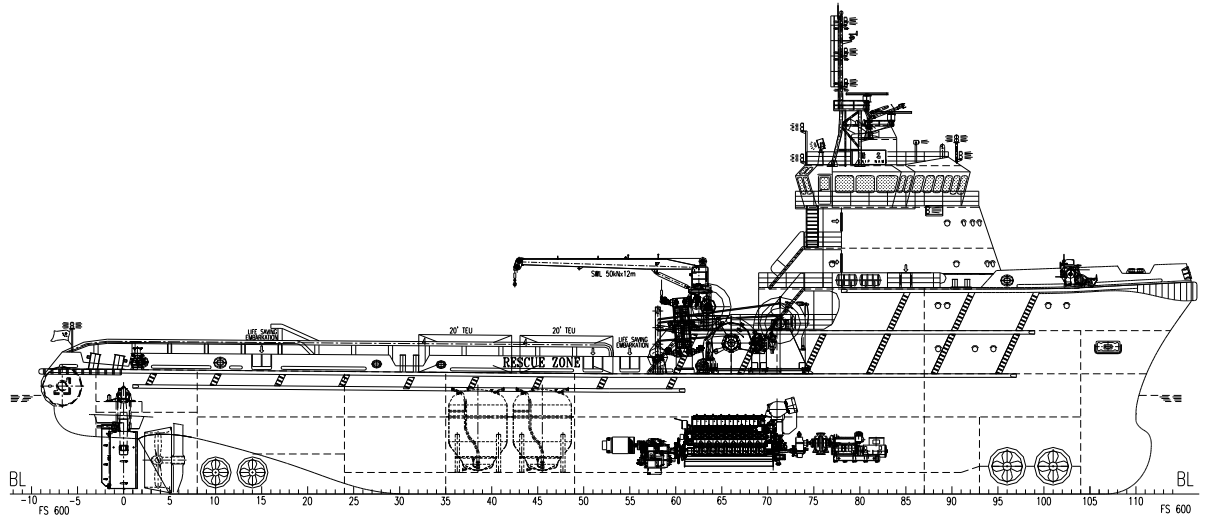


Vessel Specifications

GENERAL INFORMATION	
Vessel Type	AHTS
Year Built / Builder	Post 2013
Class	BV (EX-CCS)
Flag	TBD
IMO No.	TBD
MMSI No.	TBD
Call Sign.	TBD
DP Class	DP 2
Bollard pull	181t.
Fire Fighting	FiFi Class 1
Towing Pins/Sharkjaws	2/1 set
Free Deck Area	510 m ²
Oil Recovery	None ORO notation
PRINCIPAL DIMENSIONS	
Length overall	75.00m.
Length B.P	66.00m.
Beam Overall	16.80m.
Depth to main deck	7.80m.
Maximum Draft	6.40 m
Gross Tonnage	2,831
Net Tonnage	849
CLASSIFICATION (Dual Class):	
BV: EX-CCS: ★ CSA, ★ CSM, Tug, Offshore Supply Ship, Ice Class B, Anchor Handling Vessel, Fire Fighting Ship 1,	
Capacities	
Deadweight at 6.40 m draft	2500t
Fuel Tank	1511m ³
Drinking Water	289m ³ ..
Drill water	1,380m ³ .
Mud Tank	355m ³ .
Dry bulk	170m ³
Free Cargo Deck Area	510m ²
Cargo Deck Strength	10T/m ² ,5T/m ²
Deck Cargo Loading	800t.
Deck Crane	1x ele.Hydraulic capacity 50kNx12m
Container	8ReeferTEU.
SPEED AND CONSUM.:	
Max Speed	15.5knots

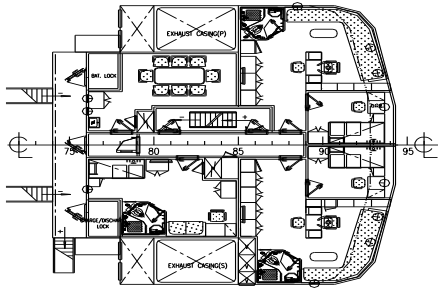
Economic Speed	12~14knots
Fuel Grade	MDO/LSMDO (MGO)
Max Speed / Fuel Consumption	15.5knots/23~ 40t per day
Economic Speed / Fuel Consumption	13 knots 23t
DP / Fuel Consumption	30 t
Harbour Fuel Consumption	1.5t
DISCHARGING RATES:	
Drill water pump	120m3/h at 1 MPa.
Fresh water pump	120m3/h at 1 MPa.
Fuel oil pump	150m3/h at 1 MPa.
Liquid mud pump	2x75m3/h at 18 bars.
Cement pump	75m3/h at 18 bars.
Flow Meter	1 FO, 1 DW, 1 FW,
ACCOMMODATION	
Berth Total	25
Cabins Total	17(9xDeluxesingle,8x2P)
Hospital	1
office/day RM,	1
Meeting RM,	1
2 mess, 1 laundry,1 galley, 3 provision rooms. Air conditioning throughout.	
MACHINERY & EQUIPMENT	
BOLLAR PUTTL 181T	
Main Engines	2x5040kW, MAN9L32/44CR
Auxiliary Engine	2x450kW, CAT , 3p400V50Hz
Emergency Generators	1x90kW, Lindenberge.
Shaft Generators	2x2,000kW, ABB
Propellers	2 Alfa CPP, dia3,500mm in nozzles,174rpm.
Bow thruster	2x1010kW, Thrust 2x157kN, Kawasaki
Stern thruster	2x680kW,Thrust 2x106kN, Kawasaki
Provision crane	1x ele.Hydraulic capacity 50kNx12m
Rudders	2High lift flap type.
Remote controlled valves	Pleiger, forBW/FW/drilling/fuel/lubsys.
Remote sounding sys.	Pleiger, for liquid tanksand draught
TOWING / ANCHOR HANDLING EQUIPMENT	
Tow/AH Winch	Rolls-Royce, SL300/BSL300, 2 drums
	Remote Controlled spooling device
Remote control system	TOWCONRT, Advanced control system
Towing drum	1set for70mm SWRx3,000m with spooling gear
Anchor handling drum	1set for70mm SWRx3,000m with spooling gear
	Line pull of 300t at 0-7m/min
	Brake holding capacity 400t
	CableliftersFordia58mmto102mm
Towing drum wire capacity	3,000m x 70mm dia
AH drum wire capacity	3,000m x 70mm dia including sockets storage
Tugger winches	Rolls-Royce, LAKMX 41017, 2x15t, 0-18m/min
Rope reel	Rolls-Royce, Wire capacity2x1,200m of dia 70mm
Towing pins	Karmoy,1 pair 3000kN SW, W/H Control
Shark jaws	Karmoy,1 off 5000kN SWL,W/H Control

Capstans	Rolls-Royce CX22010, 2x10t at 0-15m/min
Stern roller	1x5000 kN SWL, Dia 2.4m, Length 5.4m.
TOWING/AH WIRES:	
Main Tow wire capacity	1200m x Dia70mm
AH Wire capacity	1200m x Dia70mm
MOORING EQUIPMENT	
Combined Windlass mooring winch	Rolls-Royce, Hydraulic
	2 mooring drum, 2 fixed warping heads
mooring drum capacity	2 x 220m of dia 60 mm composite rope.
Anchors	2 x 2850kg SPEC anchors
DYNAMIC POSITIONING SYSTEM	
DP2 system , KONGSBERG	· Auto tracking/pilot, dynamic positioning, auto speed control,
	· Reference system: 2 DGPS, 1 FANBEAM, 2 MRU, 1 HPR.
	· 3 gyro compasses, 3 wind sensor.
	· Mixed manual/auto-mode joystick control & Wing Control
FIRE FIGHTING SYSTEM:	
FIFI I Fighting System:	· 2,400 m3/h, 2 monitors 1,200 m3/h each.
	· Remote controlled from wheelhouse.
	· Pumps: 2x 1,750m3/h at 14.5 bar.
	· Deluge system: 600 m3/h.
OTHER EQUIPMENTS:	
Lifesaving	Lifesaving & Rescue boat and electrical davit
	Rescue Zone: rescue nets both sides, Helicopter winching area
CCTV Monitoring System:	6 points digital video cameras for ER, main deck, bridge
Operation & Navigation	FWD Bridge Console, AFT Bridge Console
	2 Radars, DGPS, ECDIS, AIS, VDR, INMARSAT-C-F, etc

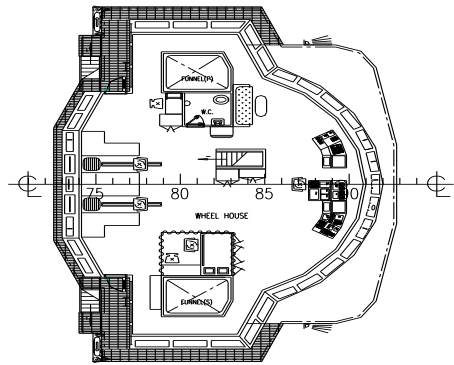


BRIDGE DK.

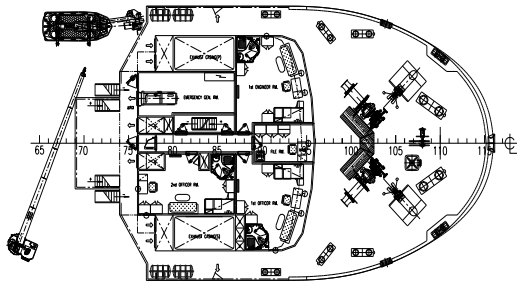
NAVIGATION DK.



2nd FORECASTLE DK.



1st FORECASTLE DK.



MAIN DK.

