

Built	Hangtong Shipbuilding Guangzhou, China
Year	2024
Flag	British
Classification	BV +1 HULL MACH; Anchor handling vessel Tug Supply vessel Fire fighting ship 1 - water spraying Oil recovery ship; LHNS SECOND-LINE SP50; Unrestricted navigation; ACCOMMODATION DYNAPOS AM/AT

Dimensions

Length Overall	60.00m
Beam Moulded	15.80m
Maximum Draft	5.20m

Performance

Fuel Consumption at Max Speed	12t/day @ 14kts
Fuel Consumption at Service Speed	6.8t/day @ 10kts
Standby at Sea	1.5t/day

Propulsion and Machinery

Main Engines	Daihatsu : 2 x 1920kw/750rpm
Alternative Propulsion	Azimuth (TBC)
Propellers	Berg BCP690 2 x CPP
Main Generators	Cat C18: 2 x 450KW/1500rpm
Emergency Generator	Cummins: 1 x 136KW/1500rpm
Bow Thrusters	Wuhan Kawasaki: 2 x 600kW
Stern Thruster	Wuhan Kawasaki: 1 x 450kW
Shaft generator	Wuxi Stamford PM734C2: 2 x 900KW/1500rpm

Cargo Capacities

Fuel Oil	560 m ³ @ 100 %
Fresh Water	350 m ³ @ 100 %
Drill /Ballast Water	650m ³ @ 100 %
Mud	350m ³ @ 100 %
Recovered Oil	280m ³
Dry Bulk Cement	170m ³
Deck Loading	7.0T/m ²
Clear Deck Area	280m ² free deck space
Deck cargo capacity	500T

Dynamic Positioning

Class	DP2
DP Type	NAVIS
Reference System	2 x DGPS, 1 x Cyscan, 3 x Wind, 3 x Gyro
Joystick	Portable-Fwd, Aft or Wing consuls

Deck Machinery

Tugger Winches	2 x 10 t @ 15m/min
Capstans	2 X 5 t @ 15m/min
Deck Crane	1 x 3t/12m

Accommodation

Crew	5 x 1 9 x 2
Total: 23 berths Note: All crew cabins are provided with en suite facilities, internet connections and Sat TV	

Fire Fighting System

Fire Pumps	2 x 1500m ³ /h @13bar
Fire Monitors	1 x 1200m ³ /h @11bar + 1 x 1200/300m ³ /h @11bar



Cargo Pump Capacities

Fuel Oil Cargo Pumps	2 x 150m ³ /h @ 75m head
Fresh Water Cargo Pump	1 x 100m ³ /h @ 75m head
Drill Water Pump	1 x 100m ³ /h @ 75m head
Mud Pumps	2 x 75m ³ /h @ 75m head
General Service & Fire Pump	1 x 75m ³ /h @ 50m head
Ballast Pump	1 x 75m ³ /h @ 50m head
Bilge Pump	1 x 45m ³ /h @ 50m head
FO Transfer Pumps	2 x 20m ³ /h @ 20m head
Sludge Oil Pump	1 x 5m ³ /h @ 29m head
Emergency Fire Pump	1 x 35m ³ /h @ 50m head

Others

Oily Water Separator	1 x 1.0 m ³ /h
Fresh Water Maker	1 x 5 t/day
Fuel Oil Purifier	1 x 1600 l/h
Bulk Handling System	4 x 42.5 m ³
Sewage Treatment Plant	1 x 48men/day

Rescue Equipment

Daughter Craft	1 x 15 man Hebbeke FDC 1003
Fast Rescue Craft	1 x 15 man FRSQ 700A
Optional	1 x 15 man FRC
DC Davit	1x Anti Pendulum, Constant Tension, Shock Absorber with integrated Towing Boom
FRC Davit	1x Constant Tension, Shock Absorber with integrated Towing Boom
Optional FRC	1 x 15 man FRC
Mechanical Rescue Device	1 x Dacon Scoop
Rescue Zone	2 x 5m with Scramble Nets
Rescue Basket	1 x 6 man
Line Thrower Devices	2 x Icarus c/w floating heads
Surface Surveillance System	2 x ECDIS surface situation reporting system
Night Vision	1 x Night Vision binoculars
Survivor Areas	Built to UK Guidelines. Fully fitted Treatment Room c/w Hypothermia Bath. 26 bed Recovery Area 66 seat Recovery Area Designated Sanitary Areas

Rescue Towing

Anchor Windlass	1 x 10 t @12m/min φ40mm(U2)
AHTW	1 x 150 t @ 6m/min
Hydraulic Storage Winch	1 x 5 t @ 15m/min
Shark Jaws	Karmoy: 1 x SWL 300 t

Anti-Pollution

Dispersant Tank	5m ³ (supplied at cost on request)
Spray Nozzles	04 Spray Nozzles
Pump	1 x Displacement Pump 133lt/min
Optional	Desmi Terminator skimmer c/w light, medium and heavy oil modules. On Deck Recovered Oil Capacity 25-300m ³ . Ro-Boom 1500 (1x100m, 2x50m)