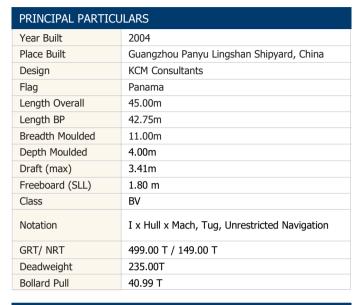


AOS RATCHABURI

Stern Drive Steel Tug



DECK PARTICULARS	
Clear Deck Area	154.50 m ²
Deck Carrying Load	160.00 T
Deck Strength	5.00 T/m ²

PERFORMANCE	
Maximum Speed	12 Knots @ 13 T/24hrs
Economic Speed	8.5 Knots @ 7 T/24hrs

PROPULSION SYSTEM	
Main Engines	2 x Caterpillar 3512B, 1750 BHP, 1305 kW @ 1600 RPM, Total 3500 BHP
Auxiliary Engines	2 x Caterpillar 3406, , 215 kW @ 1500 RPM
Air Compressor	1 x Hitachi 3.7P-9.5V5
Bow Thruster	Tunnel HRP 2001TT
Propellers	2 x Fixed Pitch Propellers with Kort Nozzles
Steering Gear System	Palmarine Hydraulic ISO32
Rudder	2 x Palmarine

TANK CAPACITIES	
Fuel Oil	276.54 m³
Fresh Water	152.80 m³
Bilge	Nil
Ballast Water	86.50 m ³

CARGO DISCHARGE CAPACITIES	
Fuel Oil Pump	50 m³/hr
Fresh Water Pump	50 m³/hr
Drill Water Pump	50 m³/hr
Bilge Pump	50 m³/hr



DECK EQUIPMENT	
Anchors & Chain	2, Jiangsu Asia Star Anchor Chain
Tugger Winch	2 x 5 T, 1st Wire 26 mm x 100 m
Anchor Windlass c/w Bow	Electrical Windlass, DMA28-2-45
Crane	Nil

ANCHOR HANDLING & TOWING EQUIPMENT	
Anchor Handling/ Towing Winch	40 T, Waterfall Double Drum
AH/Towing Drum Capacity	1000 m (L) x 32 mm (Dia)
Spare Reel Drum Cap	Nil
Line Pull @ First Layer	Nil
Brake Holding	60 T
Towing Pin	100 T, Hydraulic Type
Shark Jaw	100 T, Hydraulic Type
Stern Roller	SWL 80 T, 3.5 m (L) x 1.5 m (Dia)
Fairlead	Nil
Bow Winch	Electrical Windlass, DMA28-2-45, W.W.L. 33.3 kW, W.L. 20 kW
Aft Tow Winch	Pull 50 T x 4 m/min (1st Layer Low Speed), Pull 12 T x 12 m/min (1st Layer High Speed), Brake Holding 120 T

ACCOMMODATION	
Berths	3 x 4, 4 x 2, 2 x 1 Berths
Total Pax	22

EXTERNAL FIRE-FIGHTING EQUIPMENT	
Fi-Fi Notation	Fi-Fi 1/2, Fire Fighting System (FFS)
Fi-Fi Monitors	2 x 600 m³/h
Fi-Fi Pump	1 x 1200 m³/hr

LIFE-SAVING EQUIPMENT	
Life Rafts	2 x 20 Men, SOLAS Compliant
Rescue Boat c/w Davit	Nil

