



AL HADAF MARINE SERVICES

M/V SEA Thunder

5500 BHP/65T BP/FiFi1/DP2/AHTS/SSRV



PRINCIPAL PARTICULARS

Year Built	2004
Place Built	Guangzhou nan fang Shipyard
Manager	Al Hadaf Marine Services
Flag	Sierra Leone
Length Overall	62.85 m
Length BP	-
Breadth Moulded	14.95 m
Depth Moulded	6.1 m
Draft (max)	5.12 m
Freeboard (SLL)	1.0 m
Class	BV
Notation	A1, Towing Vessel, Fire Fighting Vessel Class 1, (E), AMS, DPS-2
GRT/ NRT	1772 / 531
Deadweight	1600 T
Bollard Pull	65 MT

DECK PARTICULARS

Clear Deck Area	400 m ²
Deck Carrying Load	800 T
Deck Strength	7 T/m ²

PERFORMANCE

Maximum Speed	13 Knots
Service Speed	10 Knots

PROPULSION SYSTEM

Main Engines	2 x 2050 KW, Wartsila 6L26A
Auxiliary Engines	2 x Caterpillar 3408 C
Emergency Generator	1 x 60 kW/440V/60
Bow Thruster	1 x 5 t, Tunnel Type
Propellers	2 x CPP with Kort Nozzle
Sewage Plant	1 x 50 Person Capacity, Make: SBT-40
Oily Water Sep.	1 m ³ per hr with 15 ppm alarm

TANK CAPACITIES

Fuel Oil	570 t
Fresh Water	420 m ³
Drill/Ballast Water	400 t
Liquid Mud	410 m ³
Brine	200 m ³
Dry Bulk	200 m ³
Foam/Detergent	10.6/10.6 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	1 x 100 m ³ /hr @ 75 m head
Fresh Water Pump	1 x 100 m ³ /hr @ 75 m head
Drill Water Pump	100 m ³ /hr @ 75 m head
Liquid Mud Pump	1 x 100 m ³ /hr @ 75 m head
Bilge Pump	50 m ³ /hr @ 80
Dry Bulk	2.0 m ³ /min @ 6.2 Bar air Pressure

DECK EQUIPMENT

Anchors & Chain	2 x Anchor 1590 kg, Chain 412 m (L) x 38mm (dia)
Tugger Winch	2 x 10 T @ 15 m/min
Capstan	2 x 5 T @ 15 m/min
Anchor Windlass	1 x 9t @ 12m
Crane	1 x SWL 3t, 5 m Out reach

ANCHOR HANDLING & TOWING EQUIPMENT

Towing/Anchor Handling	1 x Double drum Electro-Hydraulic Waterfall, 150 tones line pull and 200 brake
Winch	1200m x 52mm each
AH/Towing Drum Cap	1200 m (L) x 52 mm (Dia) SWR
Spare Reel Drum Cap	1200m x 52mm each
Line Pull @ First Layer	150 tones
Brake Holding	225 T (Static)
Towing Pin	SWL 300 T, Electro Hydraulic
Shark Jaw	SWL 300 T, Electro-Hydraulic
Stern Roller	SWL 250 T, 3.5 m (L) x 1.6 m (Dia)

ACCOMMODATION

Berths	4 x 1, 3 x 2, 8 x 4 Berths
Total Pax	42 + Hospital

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Class 1 with Water Curtain All Round
Fi-Fi Monitors	2 x Fi-Fi Monitors, 1200 m ³ /hr, 120 m Throw Length
Fi-Fi Pump	2 x Fi-Fi Pumps, 1637 m ³ /hr

LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x FRC with outboard engine

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.