YEVIN

59M ANCHOR HANDLING & TOWING / FIRE FIGHTING / OFFSHORE SUPPORT VESSEL



Official No	: K - 30002
IMO No	: 9349746
Call Sign	: 4RGU
Port of Registry	: Colombo
Flag	: Sri Lanka
MMSI	: 529-962-000
Year Delivered	: 2006
Hull No	: NC 523
Builder	: Nam Cheong Dockyard Sdn Bhd, Miri, Sarawak
Designer	: Wartsila Ship Design (Formerly Conan Wu)
Classification	: American Bureau Of Shipping
Notation	: ABS + A1 + AMS Ⓔ FiFi 1 / Towing Vessel

ACCOMMODATION

1 Man Cabin x 2	:	2
2 Men Cabin x 5	:	10
4 Men Cabin x 4	:	16
Total Persons On Board	:	**28**

PROPULSION SYSTEM

Main Engine (YANMAR)	: 2 x 2500 BHP, Diesel engine @ 720 rpm c/w Reduction gearbox
Propeller	: 2 x CPP, 2.8 m Dia. @ 4-bladed
Steering Gear	: 2 x Independent Electro. Hyd. Sys
Stern Thruster	: 1 x 6.5 Tons,CPP (445 kW E. Motor)

PROPULSION PERFORMANCE

Maximum Speed	**: 12 Knots (approx.) @ 100% MCR**
Bollard Pull	**: 60 MT (approx.) @ 100% MCR**
	: Economical Speed 9.5 Knots at approx. 11Mt MGO

PRINCIPAL PARTICULARS

Length Overall	: 59.20 M
Breadth Moulded	: 15.00 M
Depth Moulded	: 5.50 M
Summer Draft	: 4.80 M
Gross Tonnage	: 1332
Net Tonnage	: 399
Deadweight (Summer Draft)	: 1458 Tons (approx.)
Free Deck Space	: 390 m^2 (approx.)
Deck Strength	: 5 Tons/m^2

SAFETY EQUIPMENT

Liferafts	: 2 x 25 men + 2 x 20 men
Rescue Boat	: 1 x 6 men c/w pivoting davit.
Scrambling Net	: 2 set

Remarks: *v essel's Life Saving Equipment are in accordance with SOLAS / LSA Code & Flag State requirements.*

FIRE FIGHTING & ANTI POLLUTION EQUIPMENT

FiFi Classification	: FFV1
Fire Pumps Capacity	: 2 x 1500 m^3/hr @ 14 bar
Fire Monitor Capacity	: 2 x water monitor, 1200 m3/h 1 x foam monitor, 60 m3/h
Oil Dispersant System	: 2 x 6 m Spray Boom

Remarks: 1 x Fixed Fire-Fighting System (CO2) to Machinery Space of Cat A, Fire Detection and Alarm System and Fire Fighting Equipment are in accordance with SOLAS/ FFS Code & Flag State Requirements.

ANCHOR MOORING SYSTEM

Anchor Type	: Stockless Bower Anchor
Anchor Capacity	: 2 x 1440 kg
Anchor Chains	: 2 x 11 Shackles L, 36 mm Dia.

DECK EQUIPMENT

Anchor Windlass and Mooring Winch	: Electro Hydraulic System, Windlass with 5.5 Tons Duty Pull @ 12 m/min, Mooring Drum with 10 Tons pull @ 10 m/min, 100 m L 96 mm Dia. Rope.
Anchor Handling and Towing Winch	: Double drum, Waterfall type @ electro hydraulic system, Towing Wire 1000 m L x 58 mm Dia., AH Wire 250 m L x 58 mm Dia., 225 Tons brake holding and 150 Tons pull force@6 m/min.
Storage Drum Capacity	: 1 x 1000m x 58 mm Dia. wire
Towing Pin	: 2 units for 200 Tons Bollard Pull
KarmFork	2 units for 300 Tons MBL Wire
Stern Roller	: 4.2 m L x 1.8 m Dia., 400 Tons SWL
Tugger Winch	: 2 x 10 Tons @ Electro. Hyd. Sys
Capstan	: 2 x 5 Tons @ Electro. Hyd. Sys
Reefer Point	: 3 x 16A, 415V/3Ph/50Hz 2 x 32A, 230V/1Ph/50Hz 1 x 38A, 230V/1Ph/50Hz
Crane	: SWL = 2T : Outreach = 15m

ELECTRIC POWER GENERATION

Main Generators	: 2 x 280 kW@415V/3Ph/50Hz
Emergency Generators	: 1 x 48 kW@415V/3Ph/50Hz
Shaft Alternators	: 2 x 1000 kW@415V/3Ph/50Hz

NAVIGATION & COMMUNICATION EQUIPMENT

GPS Navigator	: 1 unit
Gyro Compass	: 1 unit
Magnetic Compass	: 1 unit
Radar (ARPA)	: 2 units (2 x X-Band)
AIS	: 1 unit
Echo Sounder	: 1 unit
Speed Log	: 1 unit
Anemometer	: 2 units
BNWAS	: 1 set
Auto Pilot	: 1 unit
CCTV	: 1 set
Search Light	: 2 units
GMDSS Radio A3	: 1 complete set
Navtex Receiver	: 1 unit
Fleet Broadband	: 1 set
Interior Com System	: 1 set
PA System	: 1 set
Sound Power Phone	: 1 set
SSAS	: 1 set
SAT C	: 2 set

DISCHARGE PUMP CAPACITIES

Fuel Oil (Cargo)	: 1 x 100m^3/hr @ 75 m head
Drill Water (Cargo)	: 1 x 60m^3/hr @ 60 m head
Liquid Mud/ Brine	: 2 x 60m^3/hr @ 75 m head

OTHER EQUIPMENT CAPACITIES

Air Compressor for Bulk Sys.	: 2 x 1188 m^3/h @ 5.6 bar
Air Dryer for Bulk Sys.	: 2 x 1680 m^3/h @ 5.6 bar
Oily Water Separator	: 1 x 1m^3/hr
Sewage Treatment	: 1 unit, suitable for 28 men

Fresh Water/Water Ballst/ Drill Water Tanks (m3)

1	No.1 FW / WB / DW (C)	55.6
2	No.2 FW / WB / DW (P)	10.8
3	No.2 FW / WB / DW (S)	10.8
4	No.3 FW / WB / DW (C)	122.4
5	No.4 FW / WB / DW (P)	31.4
6	No.4 FW / WB / DW (S)	31.4
7	No.4 FW / WB / DW (C)	14.5
	TOTAL:	276.9

Fresh Water Tanks (m3)

1	No.1 FW (P)	75
2	No.1 FW (S)	75
3	No.2 FW (P)	101.1
4	No.2 FW (S)	101.1
	TOTAL:	352.2

Bulk Tanks (m3)

1	Bulk Tanks	4 x 39.1
	TOTAL:	156.4

Brine/Mud Tanks (m3)

1	No.1 Brine/ Mud (P)	86.9
2	No.1 Brine/ Mud (S)	86.9
3	No.2 Brine/ Mud (P)	45.5
4	No.2 Brine/ Mud (S)	45.5
	TOTAL:	264.8

Fuel Oil Tanks (m3)

1	No.1 FO (P)	22
2	No.1 FO (S)	22
3	No.1 FO (C)	47.7
4	No.2 FO (P)	68.8
5	No.2 FO (S)	68.8
6	No.2 FO (C)	40.7
7	No.3 FO (C)	27.9
8	No.4 FO (P)	86.3
9	No.4 FO (S)	80.5
10	No.4 FO (C)	28.8
11	FO DAY (P)	14.9
12	FO DAY (S)	14.9
	TOTAL:	523.3

Miscellaneous Tanks (m3)

1	Lube Oil (P)	4.2
2	Lube Oil (S)	3.4
3	Lube Oil (C)	3.4
4	Hydraulic Oil (Upper P)	3.7
5	Hydraulic Oil (Upper S)	3.7
6	Hydraulic Oil (Lower P)	2.2
7	Hydraulic Oil (Lower S)	2.2
8	Sewage Holding (C)	9.6
9	Dirty Oil (C)	17.8
10	Foam (P)	11.2
11	Dispersant (S)	11.2
	TOTAL:	72.6

[ALL DETAILS ABOUT & WOG]

THIS TECHNICAL BRIEF SPECIFICATION IS SUBJECTED TO CHANGE WITHOUT NOTICE

UPDATED : 09-Feb-2021