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Marine Services

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M.V ATLANTIC 18

6,000 BHP Anchor Handling Tug Supply / Safety Standby Vessel (FiFi 1 Class)

Principal Particulars

Built	: 2004		
Builder	: Keppel Singmarine, Singapore		
GRT / NRT	: 1705 / 511		
Class	: ABS - A1(E)+Towing/FiFi Class 1+AMS		
Flag	: Singapore		
Registration / Official No	: 390743	IMO No. :	9300271
Call Sign	: S6AC9		
Length (Overall)	: 60.00 Meter		
Breadth Moulded	: 16.00 Meter		
Depth Moulded	: 6.00 Meter		
Draft Moulded (Design)	: 4.20 Meter		
Draft (Scantling)	: 4.85 Meter		

Performance

Maximum Speed	: 14 Knots
Economical Speed	: 11 Knots

Cargo Capacities

Deadweight	: 1787 Tonnes. Approx.
Deck Cargo	: 500 M Tonnes
Deck Strength	: 7.5 Tons / Sq.Mtr.
Clear Deck Area	: 360 Sq. Mtr.
Fuel Oil	: 550 Cu. Mtr.
Fresh Water	: 300 Cu. Mtr.
Drill/Ballast Water	: 783 Cu. Mtr.
Liquid Mud	: 230 Cu. Mtr.
Bulk Cement	: 170 Cu. Mtr. (In 4 Tanks)
Lube Oil	: 10 Cu. Mtr.
Freezer	: 10 Cu. Mtr.
Cooler	: 10 Cu. Mtr.
Foam	: 10 Cu. Mtr.
Bilge Holding Tank	: 10 Cu. Mtr.
Sewage Holding Tank	: 5 Cu. Mtr.
Dirty Bilge Tank	: 10 Cu. Mtr.

Discharge Rates

Fuel Oil	: 100 Cu.Mtr/Hr @60m/head
Fresh Water	: 100 Cu.Mtr/Hr @60m/head
Drill Water	: 100 Cu.Mtr/Hr @60m/head
Liquid Mud	: 2 x 60 Cu. Mtr/Hr @75m/head.
Bulk Cement	: 800 psi Working Pressure

Propulsion System

Main Engines	: 2 x 3000 BHP, Yanmar 8N280M-SV
Generators Main	: 2 x 370 kW, 440V / 3PH / 60Hz.
Emergency Generator	: 1 x 90 kW, 440V / 3PH / 60Hz.
Shaft Generator	: 2 x 450 kW, 440V / 3 PH / 60 Hz.
Bow Thruster	: 1 x 600 BHP CPP at 8 Ton Thrust.
Propellers	: 2 x Four Bladed CPP
Anchors	: 2 x 1590 Kg.

Towing / Anchor Handling Equipment

Bollard Pull	: 75 Tonnes.
Towing /Anchor	: Zicom
Handling Winch	: Waterfall Winch
Upper Drum	: 1000 M (L) x 52mm (D)
Lower Drum	: 1000 M (L) x 52mm (D)
Static Pull	: 150 Tonnes
Line Pull	: 150 Tonnes at 0-2.5 M / Min.
Break Capacity	: 200 Tonnes.

Deck Equipment

Tugger Winch	: 2 x 10 MT @ 10M / Min.
Rope Reel	: Spare installed.
Stern Roller	: 3.5 m (L) x 1.5 m (D)
Stern Thruster	: 1 x 4.7 Tonnes
Shark Jaw	: 300 MT SWL - Hyd. Retractable.
Tow Pins	: 2 x 200 MT Vertical Hyd. Tow Pins

Accommodation

4 x 1 Berth Cabins	
5 x 2 Berth Cabins	
3 x 4 Berth Cabins	: 26 Men, Fully air-conditioned.

Fire Fighting Equipment (External)

Fire Pump	: 2 x 1500 Cu.Mtr/Hr @ 14 bar
Fire Monitor	: 2 x 1200 Cu.Mtr/Hr @ 12 bar 120m throw length
Emergency Fire Pump	: 1 x 60 Cu.Mtr/Hr, @60m/head

Radio & Navigation Equipment

SSB	: 1 Set.	Icom IC-A23 / IC-A110
VHF	: 3 Sets.	McMurdo R2
Radar	: 2 Units	Furuno FR2115 / FR7062
Echo Sounder	: 1 Unit	Furuno FE-700 / RD-30
Gyro Compass	: 1 Unit	Tokimec TG600
GMDSS	: Area 3	Furuno
Magnetic Compass	: 1 Unit	John Lilley & Gille
Speed Log	: 1 Unit	Furuno DS-80
Auto Pilot	: 1 Unit	Tokimec PR200
Navtex Receiver	: 1 Unit	Furuno NX-500
DGPS Navigator	: 2 Units	Furuno GP-90
Watch Keeping Receiver	: 1 Unit	
SART	: 2 Units	McMurdo RT-9 MK3
EPIRB	: 1 Unit	McMurdo E3A
Inmarsat / Mini-M / Fax	: 1 Unit	Nera Worldphone-M

Joy Stick Control.

26 Men Sewage Treatment Plant.

9 Men Fast Rescue Craft, 20 Knots Speed

3 Ton Foldable Knuckle Boom Crane.

Helicopter Hosting Area

Fully Equipped Survivor Treatment Area with two berths.

** Particulars believed to be correct but not guaranteed. Owners reserved the right to amend the specifications without notification. **