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Marine Services

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M/V HADI 18

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

Principal Particulars

| | |
|------------------------|---------------------------------------|
| Built | : 2005 |
| Builder | : Cheoy Lee Shipyards Pte. Ltd., |
| GRT / NRT | : 1761 / 528 |
| Class | : ABS - A1(E)+Towing/FiFi Class 1+AMS |
| Flag | : Bahraini |
| Registration Number | : BN 4018 IMO No. : 9307530 |
| Call Sign | : A9HD |
| 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 8N280-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 | : 70 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. |
| VHF | : 2 Units. |
| Radar | : 2 Units |
| Echo Sounder | : 1 Unit |
| Gyro Compass | : 1 Unit |
| GMDSS | : Area 3 |
| Magnetic Compass | : 1 Unit |
| Speed Log | : 1 Unit |
| Auto Pilot | : 1 Unit |
| Navtex Receiver | : 1 Unit |
| DGPS Navigator | : 1 Unit |
| Watch Keeping Receiver | : 1 Unit |
| SART | : 2 Units |
| EPIRB | : 1 Unit |
| Inmarsat | : 'B' & 'C' |

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. **