



# JAYA DAUPHIN

## AHTS



| <b>PARTICULARS</b>  |  |
|---------------------|--|
| Vessel Type         | Anchor Handling Tug Supply   |
| IMO Number          | 9547659  |
| Port of Registry    | Singapore  |
| Year Built          | 2009   |
| Classification      | A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), AMS, DPS-2 |
| <b>DETAILS</b>      |  |
| Length Overall      | 72.50m   |
| Breadth             | 14.60m   |
| GRT-NRT             | 2,893/867  |
| Deadweight          | 2,400t   |
| Depth Moulded       | 7.50m  |
| Maximum draft       | 6.10m  |
| Clear deck Space    | 528m <sup>2</sup> (600 tons total)   |
| Deck loading        | 7.5 MT / m <sup>2</sup> (Uniform Loading)  |
| Max Speed           | 14.0kts  |
| Economical speed    | 11.0kts  |
| Bollard Pull tonnes | 120mt  |
| Sewage Plant        | 1 x 40 persons   |
| Rudders             | 2 x Highlift type  |
| Joystick            | Kongsberg Cjoy   |
| Flow Meter          | Fitted   |
| <b>CAPACITY</b>     |  |
| Fuel Oil            | 1,300m <sup>3</sup>  |
| Potable Water       | 400m <sup>3</sup>  |
| Drill Water         | 400m <sup>3</sup>  |
| Oil Based Mud       | 665m <sup>3</sup>  |
| Dispersant          | 19m <sup>3</sup>   |
| Dry Bulk            | 200m <sup>3</sup> in four tanks  |

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|                              |   |
|------------------------------|---|
| Foam                         | 19m <sup>3</sup>  |
| Rig Chain Locker             | 196m <sup>3</sup> , approx  |
| <b>PUMPING RATES</b>         |   |
| Fuel Oil                     | 1 x 125m <sup>3</sup> /hr @ 75m head  |
| Potable Water                | 1 x 120m <sup>3</sup> /hr @ 75m head  |
| Drill Water                  | 1 x 125m <sup>3</sup> /hr @ 75m head  |
| Oil Based Mud                | 2 X 75 m <sup>3</sup> /Hr @ 90 mtrs head (SG - 2.5)   |
| Dry Bulk                     | 2 x 20m <sup>3</sup> /hr  |
| <b>MACHINERY</b>             |   |
| Main Engines                 | 2 x Caterpillar MAK 8 M 32 5,365 BHP  |
| Generators                   | 2 x Caterpillar 3408 DITA 370kW   |
| Emergency Generators         | 1 x CAT C4.4 @ 1800 rpm, rated @ 55 Kw/440 V / 60 Hz / 3 Ph   |
| Bow Thruster                 | 2 x 680kW Tunnel Type   |
| Propulsion                   | 2 x CPP with Kort Nozzle  |
| <b>ACCOMMODATION</b>         |   |
| Berths                       | 2x17, 1x8   |
| Total                        | 42  |
| <b>FIRE FIGHTING</b>         |   |
| Class                        | 1   |
| Monitors                     | 2 x 1,200 m <sup>3</sup> /hr  |
| Pumps                        | 2 x 1,750 m <sup>3</sup> /hr  |
| <b>DECK EQUIPMENT</b>        |   |
| <b>Towing Winch</b>          |   |
| Type                         | Brattvaag Electro-hydraulic Double Drum AHTW waterfall  |
| Pull                         | 300 mt @ 10.2 m/min at 1st layer<br>162 mt @ 15.5 m/min at 1st layer<br>65 mt @ 21.4 m/min at 1st layer |
| Brake Holding                | 360t  |
| Wire Capacity                | 76mm x 1,700m   |
| <b>Anchor Handling Winch</b> |   |
| Type                         | Brattvaag Electro-hydraulic double drum AHTW waterfall  |
| Pull                         | 300 mt @ 10.2 m/min at 1st layer<br>162 mt @ 15.5 m/min at 1st layer<br>65 mt @ 21.4 m/min at 1st layer |
| Brake Holding                | 360t  |
| Wire Capacity                | 76mm x 1,400m   |
| <b>Tugger Winch</b>          |   |
| Number & Capacity            | 2 x 10t Hydraulic   |
| Wire Capacity                | 32mm x 300m   |
| <b>Other Deck Equipment</b>  |   |
| Storage Drum                 | Electro-hydraulic 76 mm x 1,700m, 7.5t  |

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|                        |   |
|------------------------|---|
| Towing Pins            | 2 x 300t Electro-hydraulic with turntable top flaps |
| Shark Jaws             | 1 x 300t Karmfork                                   |
| Stern Roller           | 1 x 300t 4.5m x 2.0m                                |
| Crane                  | 1 x 5t NORCRANE                                     |
| Deck Voltage & Sockets | 2 x 415V, 2 x 220V                                  |
| Water Maker            | 5m <sup>3</sup> Single Stage Fresh Water Generator  |
| Gypsies                | 46mm (∅) chains (subject to class requirement)      |
|                        |   |
| <b>LIFESAVING</b>      |   |
| Liferafts              | 6 x 25 man  |
| Lifejackets            | 54  |
| FRC/Rescue Boat/Davit  | 1 x rescue boat, 1 x FRC                            |
| Lifebuoys              | 8   |
| Immersion Suits        | 48  |
|                        |   |