



# FORWARD MARINE ENTERPRISE SDN. BHD.

(672069-A)

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Cert. No. Q208975



## Specifications

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------|
| Type Of Vessel            | : 32M STEEL TUG BOAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |            |
| Name Of Vessel            | : <i>ENG HUP HERALD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hull No.             | : FM-139   |
| Owner                     | : <i>ENG HUP SHIPPING PTE LTD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |            |
| Builder                   | : <i>FORWARD MARINE ENTERPRISE SDN BHD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |            |
| Designer                  | : <i>MEGA SALUTES SHIP DESIGN SDN BHD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |            |
| Length Overall            | : 32.250m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |            |
| Breath ( MLD )            | : 9.150m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Depth (MLD)          | : 4.000m   |
| Gross Tonnage             | : 299 Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Net Tonnage          | : 90 Tons  |
| Freeboard                 | : 709mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |            |
| Fuel & Oil Capacity       | : 185 Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fresh Water Capacity | : 55 Tons  |
| Main Engine               | : 2 units x YANMAR 12AYM-WET (1659PS (1220kW) @1900RPM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |            |
| Gear Box                  | : 2 units x REINTJES WAF 665L R/R 5.95:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |            |
| Propeller                 | : Dia 2300mm x Pitch 1640mm ( Nozzle Type )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |            |
| Speed                     | : 12 Knots                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |            |
| Generator                 | : 2 units x CUMMINS 6BT5.9-D(M) 78kW @ 1500 RPM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |            |
| Radio Equipment           | <ul style="list-style-type: none"> <li><i>FURUNO Echo Sounder FCV-688</i></li> <li><i>FURUNO GPS Navigator GP-32</i></li> <li><i>ICOM SSB Radio IC-M710</i></li> <li><i>ICOM VHF Radio IC-M304</i></li> <li><i>GME EPIRB MT-403FF</i></li> <li><i>FURUNO Radar 1835 (36nm)</i></li> <li><i>FURUNO Navtex Receiver NX-700B</i></li> <li><i>FURUNO INMARSAT- C FELCOM 18</i></li> <li><i>New Sunrise AIS Class A FA-150</i></li> <li><i>New Sunrise BNWAS NBW-1000</i></li> <li><i>Standard Horizon Handheld VHF HX-851</i></li> <li><i>Standard Horizon Loudhailer VLH-3000</i></li> <li><i>New Sunrise Digital Anemometer AM-100</i></li> <li><i>New Sunrise CCTV System NTV-9000</i></li> </ul> |                      |            |
| Steering Gear             | : 3.5 Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |            |
| Hydraulic Anchor Windlass | : 20 Tons / 3 Tons ( 22mm U2 Chain Cable )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |            |
| combined Mooring Winch    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |            |
| Towing Winch System       | : 40 Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Capstan              | : 3.0 Tons |
| Towing Hook               | : 40 Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |            |
| Classification            | : <i>NIPPON KAIJI KYOKAI</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Accommodation        | : 12 Men   |
| Official Number           | : 400652                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Call Sign            | : 9V5011   |
| Port Of Register          | : <i>SINGAPORE</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |            |
| Nature Of Trade           | : <i>INTERNATIONAL</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |            |
| Date Of Completion        | : 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |            |