

Rigel Mulia



|                               |                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ship Name                     | RIGEL MULIA                                                                                                                             |
| Class                         | BKI                                                                                                                                     |
| Year Build                    | 2014                                                                                                                                    |
| Year Delivery                 | 2015                                                                                                                                    |
| Builder                       | Shin Yang Shipyard                                                                                                                      |
| Place of Build                | Malaysia                                                                                                                                |
| Flag                          | Indonesia                                                                                                                               |
| Port Of Registry              | Batam                                                                                                                                   |
| IMO Number                    | 9717890                                                                                                                                 |
| Call Sign                     | YDAW2                                                                                                                                   |
| Length overall                | 28.00 m                                                                                                                                 |
| Length betwn Perpendicular    | 26.38 m                                                                                                                                 |
| Breath Moulded                | 11.80 m                                                                                                                                 |
| Depth Moulded                 | 5.0 m                                                                                                                                   |
| Draft                         | 4.8m                                                                                                                                    |
| GRT                           | 379 Ton                                                                                                                                 |
| NRT                           | 114 Ton                                                                                                                                 |
| Total Complement              | 12 men                                                                                                                                  |
| 1 man cabin                   | 2 nos                                                                                                                                   |
| 2 man cabin                   | 3 nos                                                                                                                                   |
| 4 man cabin                   | 1 nos                                                                                                                                   |
| Fuel oil                      | 150.2 m3                                                                                                                                |
| Fresh water                   | 50.1 m3                                                                                                                                 |
| Ballast water                 | 72.2 m3                                                                                                                                 |
| Lube oil storage              | 4.8m3                                                                                                                                   |
| M/E sump lub oil              | 9.8m3                                                                                                                                   |
| Sludge                        | 6.2m3                                                                                                                                   |
| Foam                          | 5.0m3                                                                                                                                   |
| Dispersant                    | 5.0 m3                                                                                                                                  |
| Bilge holding                 | 5.2m3                                                                                                                                   |
| Sewage                        | 4.5 m3                                                                                                                                  |
| MACHINERY                     |                                                                                                                                         |
| Main Engine                   | 2 x Daihatsu 6DKM-26e (L)<br>BHP.2574 / 1920 kw at<br>rpm.100% MCR to 750 to<br>achieve bollar pull of 60-<br>65 MT                     |
| Propulsion Gear               | 2 x Kawasaki KST-200ZC/B1,<br>Z-Drive, 360 degrees,<br>Steerable Propeller<br>controllable pitch, Propeller<br>in Nozzle 1920kw@750 RPM |
| Main generator                | 2 x Cummins NTA - 855-D-M.<br>380 HP / 307 kVA @ 1500<br>RPM. 415V, 3PH, 50Hz.                                                          |
| Air Compressor                | 2 x SANWA - S8A, 20 m³/hr,                                                                                                              |
| External Fire fighting System | 2 x Horizontal, centrifugal -<br>1400m³/hr. Pressure 10 Bars,<br>Main engine PTO.                                                       |

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| Main fire monitors               | 2 x Dual Purpose monitor<br>600/300m³/hr at 12 bar,                                                            |
|                                  | 120m length, 50 m height<br>above sea level.                                                                   |
| Oil dispersant spray boom        | 2 x 6 m, 3 spray nozzles                                                                                       |
| Portable Fire Pump               | Horizontal centrifugal, self-<br>priming. 1600L/min at 7 Bar<br>3m suc. Lift, self- contained<br>Diesel Engine |
| EQUIPMENT                        |                                                                                                                |
| Forward towing<br>winch/windlass | Electric/Hydraulic, Double<br>Gypsey twin warping heads,<br>single winch drum with<br>centre divider.          |
| Warping head                     | Dia 330 mm, 2.5T X 0-10<br>M/MIN                                                                               |
| Winch                            | Pull rate 60-65T 0-10 m/min<br>(1 <sup>st</sup> layer)                                                         |
| Aft Low Hook                     | Disc type, quick release typo,<br>80 tonner SWL.                                                               |
| Performance                      |                                                                                                                |
| Max Speed                        | 11 knot                                                                                                        |
| Economical Speed                 | 9 knot                                                                                                         |
| Endurance                        | 7 days                                                                                                         |
| Bollard pull                     | 60-65 MT (100% MCR)                                                                                            |
| Working deck area                | 70 m3                                                                                                          |
| Lifesaving Equipment             |                                                                                                                |
| Life rafts                       | 2 x 15 men, Automatic<br>Hydrorstatic Release.                                                                 |
| Radio and Navigational           |                                                                                                                |
| Radar                            | Furuno FAR-2117-D/FR-8062                                                                                      |
| Echo Sunder                      | Furuno FF - 700                                                                                                |
| AIS                              | Furuno FA-150                                                                                                  |
| GPS Navigator                    | Furuno GP-150                                                                                                  |
| GMDSS                            | Furuno FM-8800S                                                                                                |
| SART                             | 9GHZ                                                                                                           |
| Satellite EPIRB                  | 406MHz                                                                                                         |
| Navtex receiver                  | 518 KHz                                                                                                        |
|                                  | GMDSS two way radio,                                                                                           |
| VHF Marine                       | Transcelver with tuild in DSC,<br>MF/HF Radio equipment /<br>DSC Watch receiver.                               |
| Communication equipment          |                                                                                                                |
| Intercom                         | Wheelhouse, engine room,<br>captain cabin, mess room.                                                          |
| P.A System                       | Public address system                                                                                          |
| VHF Wilkie talkies               | 3 x Motorola GP 328                                                                                            |
| Batteryless telephone            | 2 x Eelectrical push button<br>type                                                                            |

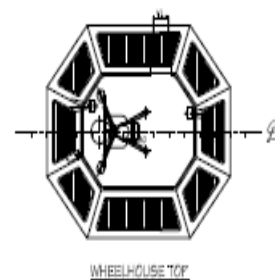
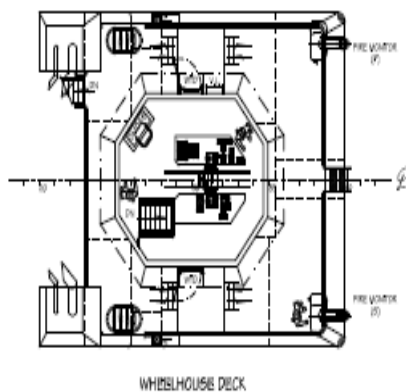
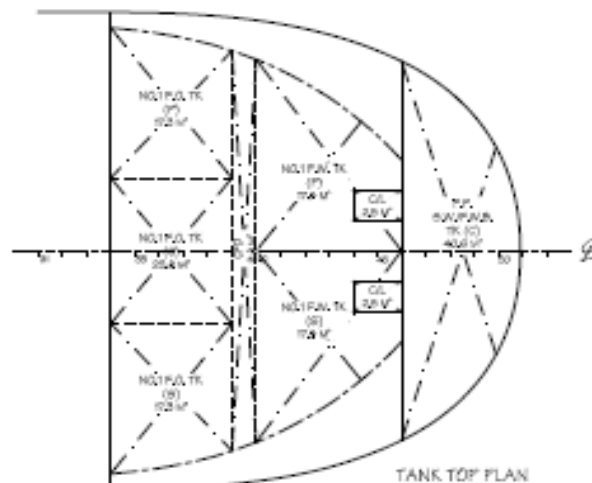
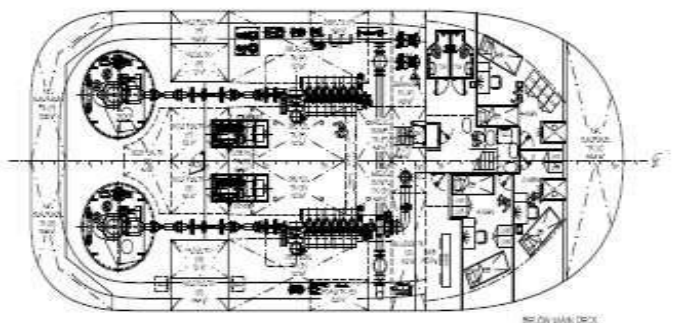
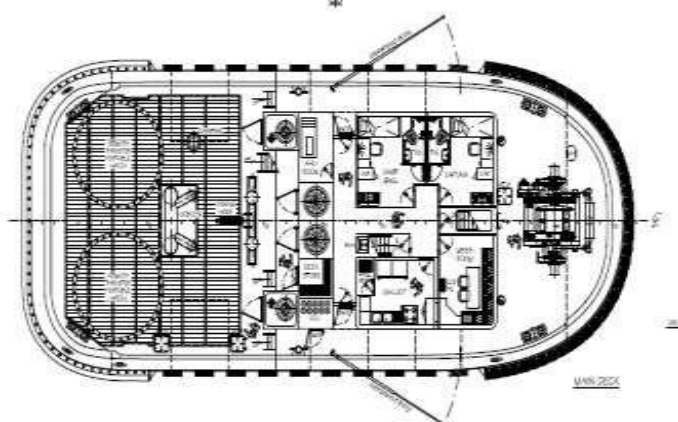
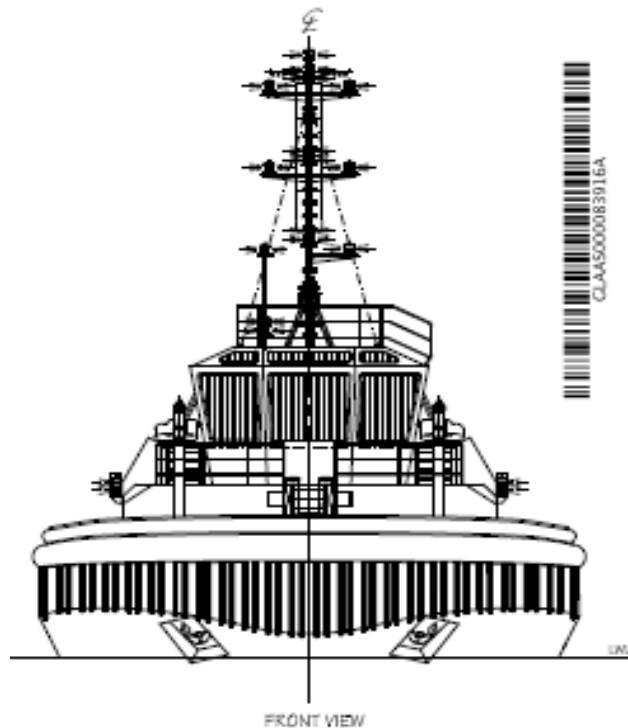
PT. PELAYARAN KARYA LENTARI PERDANA

Jl. Tulip Blok E1 No. 2 Kompleks Balikpapan Baru  
Balikpapan, Kalimantan Timur 76114 - INDONESIA  
Telp: +62 542 873798 Fax: +62 542 873849  
mail@pklp.co.id | www.pklp.co.id





MARINE OFFSHORE



▲ TANK TOP TO BE COVERED BY OIL IMPERVIOUS MATERIAL.  
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### PT. PELAYARAN KARYA LENTARI PERDANA

Jl. Tulip Blok E1 No. 2 Kompleks Balikpapan Baru  
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