

SHIP PARTICULAR

PT Dian Bahari Sejati



Dian Pacific [AHT 41.8M / 4000BHP / 50MT BP]



Equity Tower #43FG. Jl. Jend Sudirman Kav 52-53
Jakarta 12190

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Type : Anchor Handling Tug
Flag / Port of Registry : Indonesia / Jakarta
Year of Built & Place : 2008 , China
IMO / Call Sign : 9564841 / YBGZ
Classification : ABS & BKI

Principal Particulars

Length Overall : 41.8m
Length BP : 37.4m
Breadth/ Beam Moulded : 10.0m
Depth Moulded : 4.6m
Summer Draft : 3.6m (MLD) /3.614m (Extreme)
Gross / Net Tonnage : 573 / 172 T
Full Speed : 12.0 knots
Bollard Pull : 52 MT
Clear Deck Space : 100m2
Deck Cargo : 5T/m2

Machinery / Propulsion

Main Engine : Mitsubishi S80-MPTK
2 x 2000 Hp @1100RPM
Propeller : Twin screw shafts fitted with
fixed pitch propeller
Generator : Volvo D9A 3 x 235KW @1500RPM
Bow Thruster : 1 x 350KW@990RPM

Tank Capacity

Fresh Water : 77m3
Fuel Oil : 270m3
Lub Oil : 6.29m3

Pumps

Fuel Oil Pump : 1 x 30m3/hr @30m head
Fresh Water Pump : 1x 50m3/hr @40m head
Bilge & Ballast Pump : 1 x 60m3/hr @40m head

Deck Machinery

Anchor : 2 x 1020kg stockless bower anchors
Towing Winch : Double Drum
Hydraulic Anchor Windlass : Pull 2.70 T @10m/min
Hydraulic Tugger Winch : 1 x 5T @10m/min, 150m x 22mm wire
Hydraulic Tow Pin : 2 x 200T @200 pressure bar
Power Jaw : SWL 200T @200 pressure bar
Capstan : 1 x 3T @10m/min, warping end 250mm
Anchor Handling Tow Winch : 1 x Pull 100T @6m/min
Reefer Point : 5pin 240/416V socket x 4 sets
Knuckle Deck Crane : 6.2T @2.3m / 3T @14.5m
Stern Roller : 1,2 m (dia) x 35 m / 150 Ton SWL
Brake Power Towing Winch Available

Accommodation

2 x 1-man cabin : 2 men
4 x 2-man cabin : 8 men
2 x 4-man cabin : 8 men
Total : 18 men

Fire Fighting Equipment

External Fire Pump : 1200m3/hr at 12 bar
Main Engine (Port) driven
External Fire Monitors : 2 x 1200m3/hr @120m head
Emergency Fire Pump : 32m3/hr @40m head
Fire Hydrant & Hose Box : 12 sets each
Fireman Axe : 1 set
Fireman Outfit : 2 sets
EEBD : 10 sets
Int'l Shore Connection : 1 set
CO2 Release Station : 7 sets
Foam Applicator : 1 x 20 L
Spare Charges : 9 x dry powder & 14 x foam
Fire Extinguisher
Foam Trolley mounted : 1 x 45 L
Dry Powder : 9 x 5 Kg
Foam : 17 x 9 L

Radio & Navigation Equipment

VHF Radiotelephone : 2 sets
VHF Radio : 2 sets
Anemometer : 1 set
Radar : 2 sets
SART : 2 set
Inmarsat C : 1 set
Magnetic Compass : 1 set
GPS Navigator : 1 set
AIS : 1 set
Gyro Compass : 1 set
Doppler Speed Log : 1 set
Self-Powered Telephone : 1 set
INTERCOM system : 1 set
Echosounder : 1 set
BNWAS : 1 set
Aldis : 1 set

GMDSS Systems

SSB Radiotelephone : 1 set
MF/HF DSC Terminal : on 24VDC x 1 set
INMARSAT C : on 24VDC x 2 sets
GMDSS VHF Transceiver : 1 set
Power supply + charger : 1 lot
Weather Fax Receiver : 1 set
Navtex Receiver : 1 set
SSAS : 1 set

Life Saving Equipment

Life raft : 4 sets x 20 men
Life buoy - ring : 8 sets
Lifejackets : 30 sets
Parachute Distress : 12 sets
Red hand flare distress signal : 6 sets
First Aid : 1 set
Line Throwing Apparatus : 4 set
Rescue Boat : 1 unit x 6 men
EPIRB : 1 set

Miscellaneous

Oily Water Separator : c/w 15ppm, Cap 2.5m3/hr
Sewage Treatment Plant : Cap 1500 L/day
Emergency Battery for Emergency Light
Oil Spill Equipment : SOPEP