



TH ALAM MANAGEMENT (M) SDN BHD (10207444)
(A Member of Alam Maritim Group)



426750 426800 426850 426700 426750 426800 426850

MV SETIA JATI/PERKASA

76M-12,000 BHP

ANCHOR HANDLING/TUG/SUPPLY/OIL RECOVERY VESSEL- DP2

DELIVERY 3Q & 4Q 2012

PRINCIPAL PARTICULARS

Port Of Registry	: Port Kelang
Call Sign	: TBA
Official No.	: TBA
Year Built	: 2011
Class	: American Bureau of Shipping
Notation	: ABS +A1 (E) Offshore Support Vessel, +AMS AH, Towing Vessel, Fire Fighting Class 1, Oil Recovery Capability Class 1, +DPS-2
Type	: Anchor Handling Tug Supply Vessel /Oil Recovery Vessel
Class No.	: TBA
IMO No.	: TBA
Hull No.	: GMG 10122/23
Flag	: Malaysia

DIMENSIONS

Length Overall	: 76.00 m
Length Between Perpendicular	: 67.50 m
Beam Moulded	: 18.00 m
Depth Moulded	: 8.00 m
Draft Moulded	: 5.20 m
Deadweight	: 3,000 MT @ 6.50 m draft (approx)

PERFORMANCE

Trial Speed	: 15.0 knots
Type of fuel	: Marine Gas Oil

CARGO CAPACITIES

Deck Cargo	: 1000 MT
Deck Strength	: 7.5 MT / m ² uniform loading
Clear Deck Area	: 500 m ²
Fuel Oil	: 850 m ³
Fresh Water	: 600 m ³
Ballast/Drill Water	: 1,100 m ³
Freezer	: 10 m ³ (-18° C temperature)
Chiller	: 14 m ³ (+14° C temperature)
Foam	: 10 m ³
Detergent	: 10 m ³
Mud	: 1000 m ³
Cement Tank	: 250 m ³

PROPULSION SYSTEM

Main Engine	: 2 x 6,120 BHP
Shaft Generator	: 2 x 1,920 kW
Auxiliary Generator	: 2 x 450 kW
Emergency Generator	: 1 x 94 kW
Bow Thrusters	: 2 x 10 MT
Stern Thruster	: 1 x 10 MT
Steering Gear	: Electro-hydraulic type with twin screw arrangement
Propulsion	: 2 x CPP
Rudders	: 2 x High Flap Type

DECK EQUIPMENT

Windlass	: 1 x electro-hyd for 8.55 T @ 10 m/min
Anchor	: 2 x 2460 kg High Hold Type Bow Anchor
Anchor Chain	: 742.5 m x 44 mm Ø port & stbd
Capstan	: 2 x 15 T @ 15 m/ min
Tugger Winch	: 2 x 10 T @ 15 m/ min
Deck Crane	: 5.0 T @ 10m outreach

FIRE FIGHTING EQUIPMENT

External	
Fifi	: Fire Fighting Class 1
Fire pump	: 2 x 1750 m ³ /hr
Fire monitor	: 2 x 1200 m ³ /hr @ 10 bar inlet pressure
Internal	
Fixed System in E/R	: CO2 system in engine room
Fire Detection	: All living space and Engine Room

OTHERS

Rescue Zone	: Port & Stbd Main deck
Water Maker	: 1 x 10 T/ day

DP2 DYNAMIC POSITIONING SYSTEM

DP System	: K-Pos DP-21 Kongsberg with basic system hardware; 3 x Gyro Compass 3 x Wind Sensor 3 x Vertical/ Motion Reference Unit 2 x Position Reference Unit (DGPS)
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TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 150 MT
Anchor Handling/ Towing Winch	: Double Drum, Drum Pull (First Layer) 380 T x 6.0m/min, Braking Capacity 500T Upper Drum (Towing) capacity 76mm Dia. x2,000m wire Rope Lower Drum (Anchor Handling) capacity 76mm Dia. x2,000m wire Rope
Braking Capacity	: 500 MT
Stern Roller	: 450T SWL x 6.6m x 3m Ø
Shark Jaws	: 2 x 450T Rated Pull
Tow Pins	: 2 x 450T Line Tension Pull

DISCHARGE RATES

Fuel Oil	: 1 x 200 m ³ / hr @ 90 m head
Fresh Water	: 1 x 150 m ³ / hr @ 75 m head
Mud Pump	: 2 x 75 m ³ / hr @ 20 bar head pressure
Drill Water Pump	: 1 x 150 m ³ / hr @ 75 m head
Bulk Cement	: 10 m ³ / hr @ 29 m head

NAVIGATIONAL /COMMUNICATION

GMDSS	: GMDSS A3 Area
MF/HF	: 1 x Furuno or equivalent
SART	: 2 sets
Inmarsat C	: 2 sets
EPIRB	: 1 set
Portable VHF Radio	: 3 sets
Navtex Receiver	: 1 set
Radar	: 2 units
Echo Sounder	: 1 set
GPS Navigator	: 1 set
Gyrocompass	: 3 sets
Autopilot	: 1 unit
Weather Fax	: 1 unit
Speed Log	: 1 set
Magnetic Compass	: 1 unit
AIS	: 1 unit

ACCOMMODATIONS

Berths	: 6 x 1 berth cabin = 6 men 12 x 2 berth cabin = 24 men 5 x 4 berth cabin = 20 men
Total	: 50 men
Hospital	: 1 x 1 berth cabin All cabins are fully air-conditioned

LIFE SAVING APPLIANCE

Search Lights	: 4 x 2000 W Aqua Signal (Illuminate up to 250 m)
Floodlights	: 6 x 1000 W (Sodium Halogen Type)
Liferafts	: 6 x 25 pax
Lifebuoys	: 8 pcs with buoy lights
Life jackets	: 50 SOLAS Type as required by Regulation
Immersion Suit	: 48 pcs
Rescue boat	: 1 x 6 men c/w 25 hp motor and davit launching
Parachute Distress	: 12 Units, SOLAS Type
Emergency Escape Breathing Device	: 8 sets with containers

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